

## PCT

## INTERNATIONAL SEARCH REPORT

(PCT Article 18 and Rules 43 and 44)

Applicant's or agent's file reference <b>ESCR0001P</b>	<b>FOR FURTHER ACTION</b> see Notification of Transmittal of International Search Report (Form PCT/ISA/220) as well as, where applicable, item 5 below.	
International application No. <b>PCT/US 00/ 07716</b>	International filing date (day/month/year) <b>22/03/2000</b>	(Earliest) Priority Date (day/month/year) <b>22/03/1999</b>
Applicant <b>ESCRIP, INC. et al.</b>		

This International Search Report has been prepared by this International Searching Authority and is transmitted to the applicant according to Article 18. A copy is being transmitted to the International Bureau.

This International Search Report consists of a total of 3 sheets.

☒ It is also accompanied by a copy of each prior art document cited in this report.

## 1. Basis of the report

- a. With regard to the **language**, the international search was carried out on the basis of the international application in the language in which it was filed, unless otherwise indicated under this item.

☐ the international search was carried out on the basis of a translation of the international application furnished to this Authority (Rule 23.1(b)).

- b. With regard to any **nucleotide and/or amino acid sequence** disclosed in the international application, the international search was carried out on the basis of the sequence listing :

☐ contained in the international application in written form.

☐ filed together with the international application in computer readable form.

☐ furnished subsequently to this Authority in written form.

☐ furnished subsequently to this Authority in computer readable form.

☐ the statement that the subsequently furnished written sequence listing does not go beyond the disclosure in the international application as filed has been furnished.

☐ the statement that the information recorded in computer readable form is identical to the written sequence listing has been furnished

2. ☐ **Certain claims were found unsearchable** (See Box I).

3. ☐ **Unity of invention is lacking** (see Box II).

4. With regard to the **title**,

☒ the text is approved as submitted by the applicant.

☐ the text has been established by this Authority to read as follows:

5. With regard to the **abstract**,

☒ the text is approved as submitted by the applicant.

☐ the text has been established, according to Rule 38.2(b), by this Authority as it appears in Box III. The applicant may, within one month from the date of mailing of this international search report, submit comments to this Authority.

6. The figure of the **drawings** to be published with the abstract is Figure No.

☒ as suggested by the applicant.

☐ because the applicant failed to suggest a figure.

☐ because this figure better characterizes the invention.

1  
☐ None of the figures.

# INTERNATIONAL SEARCH REPORT

International Application No

PCT/US 00/07716

**A. CLASSIFICATION OF SUBJECT MATTER**  
IPC 7 G06F19/00 G06F17/60

According to International Patent Classification (IPC) or to both national classification and IPC

**B. FIELDS SEARCHED**

Minimum documentation searched (classification system followed by classification symbols)  
IPC 7 G06F

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

EPO-Internal, WPI Data, PAJ, IBM-TDB, INSPEC, COMPENDEX

**C. DOCUMENTS CONSIDERED TO BE RELEVANT**

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X A	US 5 758 095 A (ALBAUM ET AL) 26 May 1998 (1998-05-26) column 2, line 65 -column 3, line 47  column 6, line 24 -column 20, line 34; figures 1-71	1,32,63, 94 2-31, 33-62, 64-93, 95-124
A	WO 95 29455 A (FILLINGANE SAM D O) 2 November 1995 (1995-11-02) column 1, line 17 -column 3, line 28 column 6, line 12 -column 9, line 29; figures 1-4  -/--	1,32,63, 94

☒ Further documents are listed in the continuation of box C.

☒ Patent family members are listed in annex.

\* Special categories of cited documents :

"A" document defining the general state of the art which is not considered to be of particular relevance

"E" earlier document but published on or after the international filing date

"L" document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified)

"O" document referring to an oral disclosure, use, exhibition or other means

"P" document published prior to the international filing date but later than the priority date claimed

"T" later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention

"X" document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone

"Y" document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art.

"&" document member of the same patent family

Date of the actual completion of the international search

20 October 2000

Date of mailing of the international search report

30/10/2000

Name and mailing address of the ISA

European Patent Office, P.B. 5818 Patentlaan 2  
NL - 2280 HV Rijswijk  
Tel. (+31-70) 340-2040, Tx. 31 651 epo nl,  
Fax: (+31-70) 340-3016

Authorized officer

Schenkels, P

## INTERNATIONAL SEARCH REPORT

International Application No

PCT/US 00/07716

## C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	OGURA H ET AL: "Online prescription order and prescription support in an integrated hospital information system" MEDICAL INFORMATICS,GB,LONDON, vol. 10, no. 4, 1985, pages 287-299, XP002086149 ISSN: 0959-8316 page 287, line 1 -page 292, line 45; figures 1-3 -----	1,32,63, 94
A	US 5 666 492 A (RHODES KEITH DANIEL ET AL) 9 September 1997 (1997-09-09) abstract column 2, line 55 -column 4, line 61 -----	1,32,63, 94
A	US 5 542 420 A (GOLDMAN ET AL) 6 August 1996 (1996-08-06) column 1, line 8 -column 5, line 25 -----	1,32,63, 94

# INTERNATIONAL SEARCH REPORT

Information on patent family members

International Application No

PCT/US 00/07716

Patent document cited in search report		Publication date	Patent family member(s)		Publication date
US 5758095	A	26-05-1998	NONE		
WO 9529455	A	02-11-1995	NONE		
US 5666492	A	09-09-1997	AU	4758896 A	07-08-1996
			CA	2210469 A	25-07-1996
			EP	0811201 A	10-12-1997
			WO	9622577 A	25-07-1996
US 5542420	A	06-08-1996	AU	7092294 A	21-11-1994
			CA	2161627 A	10-11-1994
			WO	9425927 A	10-11-1994



# PATENT COOPERATION TREATY

## PCT

### INTERNATIONAL PRELIMINARY EXAMINATION REPORT

REC'D 08 JUN 2001

(PCT Article 36 and Rule 70)

14

Applicant's or agent's file reference ESCR0001P	FOR FURTHER ACTION See Notification of Transmittal of International Preliminary Examination Report (Form PCT/IPEA/416)	
International application No. PCT/US00/07716	International filing date (day/month/year) 22 MARCH 2000	Priority date (day/month/year) 22 MARCH 1999
International Patent Classification (IPC) or national classification and IPC IPC(7): G06F 17/60 and US Cl.: 705/3, 4		
Applicant ESCRIP, INC.		

1. This international preliminary examination report has been prepared by this International Preliminary Examining Authority and is transmitted to the applicant according to Article 36.
2. This REPORT consists of a total of 4 sheets.
 

☐ This report is also accompanied by ANNEXES, i.e., sheets of the description, claims and/or drawings which have been amended and are the basis for this report and/or sheets containing rectifications made before this Authority. (see Rule 70.16 and Section 607 of the Administrative Instructions under the PCT).

These annexes consist of a total of 0 sheets.

3. This report contains indications relating to the following items:
 

I ☒ Basis of the report

II ☐ Priority

III ☐ Non-establishment of report with regard to novelty, inventive step or industrial applicability

IV ☐ Lack of unity of invention

V ☒ Reasoned statement under Article 35(2) with regard to novelty, inventive step or industrial applicability; citations and explanations supporting such statement

VI ☒ Certain documents cited

VII ☐ Certain defects in the international application

VIII ☐ Certain observations on the international application

Date of submission of the demand  31 JULY 2000	Date of completion of this report  10 MAY 2001
Name and mailing address of the IPEA/US Commissioner of Patents and Trademarks Box PCT Washington, D.C. 20231	Authorized officer  TARIQ HAFIZ <i>James R. Matthews</i>
Facsimile No. (703) 305-3230	Telephone No. (703) 308-7808

**I. Basis of the report****1. With regard to the elements of the international application:\***

- ☒ the international application as originally filed
- ☒ the description:  
pages 1-47 , as originally filed  
pages NONE , filed with the demand  
pages NONE , filed with the letter of \_\_\_\_\_
- ☒ the claims:  
pages 48-76 , as originally filed  
pages NONE , as amended (together with any statement) under Article 19  
pages NONE , filed with the demand  
pages NONE , filed with the letter of \_\_\_\_\_
- ☒ the drawings:  
pages 1-58 , as originally filed  
pages NONE , filed with the demand  
pages NONE , filed with the letter of \_\_\_\_\_
- ☒ the sequence listing part of the  
description: NONE , as originally filed  
pages NONE , filed with the demand  
pages NONE , filed with the letter of \_\_\_\_\_

**2. With regard to the language, all the elements marked above were available or furnished to this Authority in the language in which the international application was filed, unless otherwise indicated under this item.**

These elements were available or furnished to this Authority in the following language \_\_\_\_\_ which is:

- ☐ the language of a translation furnished for the purposes of international search (under Rule 23.1(b)).
- ☐ the language of publication of the international application (under Rule 48.3(b)).
- ☐ the language of the translation furnished for the purposes of international preliminary examination (under Rules 55.2 and 55.3).

**3. With regard to any nucleotide and/or amino acid sequence disclosed in the international application, the international**

- ☐ contained in the international application in printed form.
- ☐ filed together with the international application in computer readable form.
- ☐ furnished subsequently to this Authority in written form.
- ☐ furnished subsequently to this Authority in computer readable form.
- ☐ The statement that the subsequently furnished written sequence listing does not go beyond the disclosure in the international application as filed has been furnished.
- ☐ The statement that the information recorded in computer readable form is identical to the written sequence listing has been furnished.

**4. ☒ The amendments have resulted in the cancellation of:**

- ☒ the description, pages NONE
- ☒ the claims, Nos. NONE
- ☒ the drawings, sheets-fig NONE

**5. ☐ This report has been drawn as if (some of) the amendments had not been made, since they have been considered to go beyond the disclosure as filed, as indicated in the Supplemental Box (Rule 70.2(c)).**

**\* Replacement sheets which have been furnished to the receiving Office in response to an invitation under Article 14 are referred to in this report as "originally filed" and are not annexed to this report since they do not contain amendments (Rules 70.16 and 70.17).**

**\*\*Any replacement sheet containing such amendments must be referred to under item 1 and annexed to this report.**

## INTERNATIONAL PRELIMINARY EXAMINATION REPORT

International application No.

PCT/US00/07716

**V. Reasoned statement under Article 35(2) with regard to novelty, inventive step or industrial applicability; citations and explanations supporting such statement****1. statement**

Novelty (N)	Claims	<u>1-124</u>	YES
	Claims	<u>NONE</u>	NO
Inventive Step (IS)	Claims	<u>1-124</u>	YES
	Claims	<u>NONE</u>	NO
Industrial Applicability (IA)	Claims	<u>1-124</u>	YES
	Claims	<u>NONE</u>	NO

**2. citations and explanations (Rule 70.7)**

Upon consideration of the references, the Colon reference, the Parks reference, the PR Newswire reference, the Wall Street Journal reference, and the Ukens reference are not timewise applicable prior art, and therefore, claims 1-31 meet the criteria set out in PCT Article 33(2)-(4), because the prior art does not teach or fairly suggest a method for covering group members by selecting a past-due request summary and an immediately-due request summary and accessing a request detail report sorted by operator-requested information.

Likewise, the above listed references are not timewise applicable prior art, and therefore, claims 32-62 meet the criteria set out in PCT Article 33(2)-(4), because the prior art does not teach or fairly suggest a method of operating a computer system for covering group members by selecting a past-due request summary and an immediately-due request summary and accessing a request detail report sorted by operator-requested information.

Similarly, the above listed references are not timewise applicable prior art, and therefore, claims 63-93 meet the criteria set out in PCT Article 33(2)-(4), because the prior art does not teach or fairly suggest a program operating system for covering group members by selecting a past-due request summary and an immediately-due request summary and accessing a request detail report sorted by operator-requested information.

Similarly, the above listed references are not timewise applicable prior art, and therefore, claims 94-124 meet the criteria set out in PCT Article 33(2)-(4), because the prior art does not teach or fairly suggest a computing system for covering group members by selecting a past-due request summary and an immediately-due request summary and accessing a request detail report sorted by operator-requested information.

----- NEW CITATIONS -----

## INTERNATIONAL PRELIMINARY EXAMINATION REPORT

International application No.

PCT/US00/07716

**VI. Certain documents cited**

## 1. Certain published documents (Rule 70.10)

<u>Application No. Patent No.</u>	<u>Publication Date (day/month/year)</u>	<u>Filing Date (day/month/year)</u>	<u>Priority date (valid claim) (day/month/year)</u>
US, A, 5,884,273	16 MARCH 1999	16 MAY 1996	
US, A, 5,737,539	07 APRIL 1998	28 OCTOBER 1994	
US, A, 5,991,731	23 NOVEMBER 1999	01 FEBRUARY 1999	
US, A, 5,845,255	01 DECEMBER 1998	02 OCTOBER 1997	

## 2. Non-written disclosures (Rule 70.9)

<u>Kind of non-written disclosure</u>	<u>Date of non-written disclosure (day/month/year)</u>	<u>Date of written disclosure referring to non-written disclosure (day/month/year)</u>
---------------------------------------	------------------------------------------------------------	------------------------------------------------------------------------------------------------

# PCT REQUEST

The undersigned requests that the present international application be processed according to the Patent Cooperation Treaty.

For receiving Office use only

International Application No.

International Filing Date

Name of receiving office and " PCT International Application"

Applicant's or agent's file reference  
( if desired) (12 characters maximum)

ESCR0001P

## Box No. I TITLE OF INVENTION

METHOD AND APPARATUS FOR MEDICAL COVERING GROUP  
REQUEST PROCESSING, REVIEW AND MANAGEMENT

## Box No. II APPLICANT

Name and address: (Family name followed by given name; for a legal entity, full official designation, The address must include postal code and name of country. The country of the address indicated in this Box is the applicant's State (i.e. country) of residence if no State of residence is indicated below.)

eSCRIPT, INC.  
2 Scenic Court  
Danville, CA 94506  
United States of America

☐ This person is also inventor.

Telephone No.

(925) 964-1300

Facsimile No.

(561) 431-6273

Teleprinter No.

State (i.e. country) of nationality:  
US

State (i.e. country) of residence:  
US

This person is applicant for the purpose of: ☐ all designated States ☒ all designated States except the United States of America ☐ the United States of America only ☐ the States indicated in the Supplemental Box

## Box No. III FURTHER APPLICANT(S) AND/OR (FURTHER) INVENTOR(S)

Name and address: (Family name followed by given name; for a legal entity, full official designation. The address must include postal code and name of country. The country of the address indicated in this Box is the applicant's State (i.e. country) of residence if no State of residence is indicated below.)

WEINSTEIN, David  
2 Scenic Court  
Danville, California 94506  
United States of America

This person is:

☐ applicant only

☒ applicant and inventor

☐ Inventor only (If this check-box is marked, do not fill in below)

State (i.e. country) of nationality:  
US

State (i.e. country) of residence:  
US

This person is applicant for the purpose of: ☐ all designated States ☐ all designated States except the United States of America ☒ the United States of America only ☐ the States indicated in the Supplemental Box

☒ Further applicant(s) and/or (further) inventors are indicated on a continuation sheet.

## Box No. IV AGENT OR COMMON REPRESENTATIVE; OR ADDRESS FOR CORRESPONDENCE

The person identified below is hereby/has been appointed to act on behalf of the applicant(s) before the competent International Authorities as:

☒ agent

☐ common representative

Name and address: ( Family name followed by given name; for a legal entity, full official designation. The address must include postal code and name of country.)

GLENN, Michael A., HENDRICKS, Donald M. and WONG, Kirk D.  
HENDRICKS, Donald, M., JENNINGS, Earle, PEIL, Christopher  
GLENN PATENT GROUP  
Menlo Park, CA 94025  
United States of California

Telephone No.

(650) 474-8400

Facsimile No.

(650) 474-8401

Teleprinter No.

☐ Mark this check-box where no agent or common representative is/has been appointed and the space above is used instead indicate a special address to which correspondence should be sent.

## Continuation of Box No. III FURTHER APPLICANTS AND/OR (FURTHER) INVENTORS

If none of the following sub-boxes is used, this sheet is not to be included in the request

Name and address: (Family name followed by given name; for a legal entity, full official designation. The address must include postal code and name of country. The country of the address indicated in this box is the applicant's State (i.e. country) of residence if no State of residence is indicated below.)

ELISS, Robert  
25 Irving Street, Apt. 7  
San Francisco, California 94122  
United States of California

This person is:

- ☐ applicant only  
☒ applicant and inventor  
☐ Inventor only (If this check-box is marked, do not fill in below)

State (i.e. country) of nationality:

US

State (i.e. country) of residence:

US

Is person is applicant

☐

all designated States

☐

all designated States except the United States of America

☒

the United States of America only

☐

the States indicated in the Supplemental Box

Name and address: (Family name followed by given name; for a legal entity, full official designation. The address must include postal code and name of country. The country of the address indicated in this box is the applicant's State (i.e. country) of residence if no State of residence is indicated below.)

This person is:

- ☐ applicant only  
☐ applicant and inventor  
☒ Inventor only (If this check-box is marked, do not fill in below)

State (i.e. country) of nationality:

State (i.e. country) of residence:

Is person is applicant

☐

all designated States

☐

all designated States except the United States of America

☐

the United States of America only

☐

the States indicated in the Supplemental Box

Name and address: (Family name followed by given name; for a legal entity, full official designation. The address must include postal code and name of country. The country of the address indicated in this box is the applicant's State (i.e. country) of residence if no State of residence is indicated below.)

This person is:

- ☐ applicant only  
☐ applicant and inventor  
☐ Inventor only (If this check-box is marked, do not fill in below)

State (i.e. country) of nationality:

State (i.e. country) of residence:

Is person is applicant

☐

all designated States

☐

all designated States except the United States of America

☐

the United States of America only

☐

the States indicated in the Supplemental Box

Name and address: (Family name followed by given name; for a legal entity, full official designation. The address must include postal code and name of country. The country of the address indicated in this box is the applicant's State (i.e. country) of residence if no State of residence is indicated below.)

This person is:

- ☐ applicant only  
☐ applicant and inventor  
☐ Inventor only (If this check-box is marked, do not fill in below)

State (i.e. country) of nationality:

State (i.e. country) of residence:

Is person is applicant

☐

all designated States

☐

all designated States except the United States of America

☐

the United States of America only

☐

the States indicated in the Supplemental Box

☐ Further applicant(s) and/or (further) inventors are indicated on a continuation sheet.

the following designations are hereby made under Rule 4.9(a) (mark the applicable check-boxes; at least must be marked):

### Regional Patent

- ☒ **AP** ARIPO PATENT: GH Ghana, GM Gambia, KE Kenya, LS Lesotho, MW Malawi, SD Sudan, SZ Swaziland, UG Uganda, ZW Zimbabwe, and any other State which is a contracting State of the Harare Protocol and of the PCT
- ☒ **EA** Eurasian Patent: AM Armenia, AZ Azerbaijan, BY Belarus, KG Kyrgyzstan, KZ Kazakhstan, MD Republic of Moldova, RU Russian Federation, TJ Tajikistan, TM Turkmenistan, and any other State which is a Contracting State of the Eurasian Patent Convention and of the PCT
- ☒ **EP** European Patent: AT Austria, BE Belgium, CH and LI Switzerland and Liechtenstein, CY Cyprus, DE Germany, DK Denmark, ES Spain, FI Finland, FR France, GB United Kingdom, GR Greece, IE Ireland, IT Italy, LU Luxembourg, MC Monaco, NL Netherlands, PT Portugal, SE Sweden, and any other State which is a Contracting State of the European Patent Convention and of the PCT
- ☒ **OA** OAPI Patent: BF Burkina Faso, BJ Benin, CF Central African Republic, CG Congo, CI Cote d'Ivoire, CM Cameroon, GA Gabon, GN Guinea, GW Guinea-Bissau, ML Mali, MR Mauritania, NE Niger, SN Senegal, TD Chad, TG Togo, and any other State which is a member State of OAPI and a Contracting State of the PCT ( if other kind of protection or treatment desired, specify on dotted line).....

### National Patent ( if other kind of protection or treatment desired, specify on dotted line)

- |                                                                              |                                                                                        |
|------------------------------------------------------------------------------|----------------------------------------------------------------------------------------|
| <input checked="" type="checkbox"/> AL Albania                               | <input checked="" type="checkbox"/> LT Lithuania                                       |
| <input checked="" type="checkbox"/> AM Armenia                               | <input checked="" type="checkbox"/> LU Luxembourg                                      |
| <input checked="" type="checkbox"/> AT Austria                               | <input checked="" type="checkbox"/> LV Latvia                                          |
| <input checked="" type="checkbox"/> AU Australia                             | <input checked="" type="checkbox"/> MD Republic of Moldova                             |
| <input checked="" type="checkbox"/> AZ Azerbaijan                            | <input checked="" type="checkbox"/> MG Madagascar                                      |
| <input checked="" type="checkbox"/> BA Bosnia and Herzegovina                | <input checked="" type="checkbox"/> MK The former Yugoslav Republic of Macedonia       |
| <input checked="" type="checkbox"/> BB Barbados                              | <input checked="" type="checkbox"/> MN Mongolia                                        |
| <input checked="" type="checkbox"/> BG Bulgaria                              | <input checked="" type="checkbox"/> MW Malawi                                          |
| <input checked="" type="checkbox"/> BR Brazil                                | <input checked="" type="checkbox"/> MX Mexico                                          |
| <input checked="" type="checkbox"/> BY Belarus                               | <input checked="" type="checkbox"/> NO Norway                                          |
| <input checked="" type="checkbox"/> CA Canada                                | <input checked="" type="checkbox"/> NZ New Zealand                                     |
| <input checked="" type="checkbox"/> CH and LI Switzerland and Liechtenstein  | <input checked="" type="checkbox"/> PL Poland                                          |
| <input checked="" type="checkbox"/> CN China                                 | <input checked="" type="checkbox"/> PT Portugal                                        |
| <input checked="" type="checkbox"/> CU Cuba                                  | <input checked="" type="checkbox"/> RO Romania                                         |
| <input checked="" type="checkbox"/> CZ Czech Republic                        | <input checked="" type="checkbox"/> RU Russian Federation                              |
| <input checked="" type="checkbox"/> DE Germany                               | <input checked="" type="checkbox"/> SD Sudan                                           |
| <input checked="" type="checkbox"/> DK Denmark                               | <input checked="" type="checkbox"/> SE Sweden                                          |
| <input checked="" type="checkbox"/> EE Estonia                               | <input checked="" type="checkbox"/> SG Singapore                                       |
| <input checked="" type="checkbox"/> ES Spain                                 | <input checked="" type="checkbox"/> SI Slovenia                                        |
| <input checked="" type="checkbox"/> FI Finland                               | <input checked="" type="checkbox"/> SK Slovakia                                        |
| <input checked="" type="checkbox"/> GB United Kingdom                        | <input checked="" type="checkbox"/> SL Sierra Leone                                    |
| <input checked="" type="checkbox"/> GD Granada                               | <input checked="" type="checkbox"/> TJ Tajikistan                                      |
| <input checked="" type="checkbox"/> GE Georgia                               | <input checked="" type="checkbox"/> TM Turkmenistan                                    |
| <input checked="" type="checkbox"/> GH Ghana                                 | <input checked="" type="checkbox"/> TR Turkey                                          |
| <input checked="" type="checkbox"/> GM Gambia                                | <input checked="" type="checkbox"/> TT Trinidad and Tobago                             |
| <input checked="" type="checkbox"/> HU Hungary                               | <input checked="" type="checkbox"/> UA Ukraine                                         |
| <input checked="" type="checkbox"/> ID Indonesia                             | <input checked="" type="checkbox"/> UG Uganda                                          |
| <input checked="" type="checkbox"/> IL Israel                                | <input checked="" type="checkbox"/> US United States of America - Continuation-in-Part |
| <input checked="" type="checkbox"/> IS Iceland                               | <input checked="" type="checkbox"/> UZ Uzbekistan                                      |
| <input checked="" type="checkbox"/> JP Japan                                 | <input checked="" type="checkbox"/> VN Viet Nam                                        |
| <input checked="" type="checkbox"/> KE Kenya                                 | <input checked="" type="checkbox"/> YU Yugoslavia                                      |
| <input checked="" type="checkbox"/> KG Kyrgyzstan                            | <input checked="" type="checkbox"/> ZW Zimbabwe                                        |
| <input checked="" type="checkbox"/> KP Democratic People's Republic of Korea |                                                                                        |
| <input checked="" type="checkbox"/> KR Republic of Korea                     |                                                                                        |
| <input checked="" type="checkbox"/> KZ Kazakhstan                            |                                                                                        |
| <input checked="" type="checkbox"/> LC Saint Lucia                           |                                                                                        |
| <input checked="" type="checkbox"/> LK Sri Lanka                             |                                                                                        |
| <input checked="" type="checkbox"/> LR Liberia                               |                                                                                        |
| <input checked="" type="checkbox"/> LS Lesotho                               |                                                                                        |

Check-boxes reserved for designating States ( for the purpose of a national patent) which have become party to the PCT after issuance of this sheet:

- ☒ **HR** Croatia
- ☒ **IN** India
- ☒ **ZA** South Africa

In addition to the designation made above, the applicant also makes under Rule 4.9(b) all designations which would be permitted under the PCT except the designation(s) of \_\_\_\_\_

The applicant declares that those additional designations are subject to confirmation and that any designation which is not confirmed before the expiration of 15 months from the priority date is to be regarded as withdrawn by the applicant at the expiration of that time limit. ( confirmation of a designation consists of the filing of a notice specifying that designation and the payment of the designation and confirmation fees. Confirmation must reach the receiving Office within the 15-month time limit.)

Sheet No. 4

Continuation of Box V

U.S. Serial No. 60/125,461 filed March 22, 1999 (22-03-99)



Sheet No. 5

<b>Box No. VI PRIORITY CLAIM</b> Further priority claims are indicated in the Supplemental Box <input type="checkbox"/>			
The priority of the following earlier application(s) is hereby claimed:			
Country <i>(in which or for which, the application was filed)</i>	Filing Date <i>(day/month/year)</i>	Application No.	Office of Filing <i>(only for regional or international application)</i>
item (1) US	22-March-1999 (22-03-99)	60/125,461	
item (2)			
item (3)			

Mark the following check-boxes if the certified copy of the earlier application is to be used by the Office which for the purposes of the present international application is the receiving Office (a fee may be required):

☒ The receiving Office is hereby requested to prepare and transmit to the International Bureau a certified copy of the earlier application(s) identified above as item(s): (1)


**Box No. VII INTERNATIONAL SEARCHING AUTHORITY**  
**Choice of International Searching Authority (ISA)** *(If two or more International Searching Authorities are competent to carry out the international search, indicate the Authority chosen: the two-letter code may be used):* ISA /EPO  
**Earlier Search** *Fill in where a search (international, international-type or other) by the International Searching Authority has already been carried out or requested and the Authority is now requested to base the international search, the extent possible, on the results of that earlier search. Identify such search or request either by reference to the relevant application (or the translation thereof) or by reference to the search request:*  
Country (or regional Office):      Date (day/month/year):      Number:

**Box No. VIII CHECK LIST**

This international application contains the following number of sheets: 1. Request 4 sheets 2. Descriptive 47 sheets 3. Claims 29 sheets 4. Abstract 1 sheets 5. Drawings 58 sheets  <b>Total 139 sheets</b>	This international application is accompanied by the item(s) marked below: 1. <input type="checkbox"/> Separate signed power of attorney 2. <input type="checkbox"/> Copy of general power of attorney 3. <input type="checkbox"/> Statement explaining lack of signature 4. <input type="checkbox"/> Priority document(s) identified in Box No. VI as item(s): 5. <input checked="" type="checkbox"/> Fee calculation sheet 6. <input type="checkbox"/> Separate indications concerning deposited microorganisms 7. <input type="checkbox"/> Nucleotide and/or amino acid sequence listing (diskette) 8. <input checked="" type="checkbox"/> Other (specify): <i>Unsigned Power of Attorney</i>
-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------	--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------

Figure No. 1 of the drawings (if any) should accompany the abstract when it is published.

**Box No. IX SIGNATURE OF APPLICANT OR AGENT**  
*Next to each signature, indicate the name of the person signing and the capacity in which the person signs (if such capacity is not obvious from reading the request).*

  
Michael A. Glenn

For receiving Office use only

1. Date of actual receipt of the purported international application:	2. Drawings:  <input type="checkbox"/> received:  <input type="checkbox"/> not received:
3. Corrected date of actual receipt due to later but timely received papers or drawings completing the purported international application:	
4. Date of timely receipt of the required corrections under PCT Article 11(2):	
5. International Searching Authority specified by the applicant: ISA /	
6. Transmittal of search copy delayed until search fee is paid	

For International Bureau use only

Date of receipt of the record copy by the International Bureau:	
-----------------------------------------------------------------	--

# PCT

## FEE CALCULATION SHEET

Annex to the request

Applicant's or agent's file reference <b>ESCR0001P</b> Applicant <b>eSCRIPT, INC.</b>		International application No.  Date stamp of the receiving Office	
<b>CALCULATION OF PRESCRIBED FEES</b>			
<b>1 TRANSMITTAL FEES</b>		\$ 240.00	T
<b>2 SEARCH FEES</b> International search to be carried out by <u>EPO</u> <i>(If two or more International Searching Authorities are competent in relation to the international application, indicate the name of the Authority which is chosen to carry out the international search.)</i>		\$ 990.00	S
<b>3 INTERNATIONAL FEE</b> Basic Fee The application contains 139 sheets first 30 sheets..... \$ 427.00 b1 109     X       10     \$ 1,090.00 b2 remaining sheets       additional amount			
Add amounts entered at b1 and b2 and enter total at B.....		\$ 1,517.00	B
<b>DESIGNATION FEES</b> The application contains 50 designations 8       X     \$ 92.00 #of designation fees       amount of payable (maximum 11)     designation fee		\$ 736.00	D
Add amounts entered at B and D and enter total at I ..... (Applicants from certain States are entitled to a reduction of 75% of the international fee. Where the applicant is (or all applicants are) so entitled, the total to be entered at I is 25% of the sum of the amounts at B and D.)		\$ 2,253.00	I
<b>4 FEE FOR PRIORITY DOCUMENT</b> .....		\$ 15.00	P
<b>5 TOTAL FEES PAYABLE</b> Add amounts entered at T,S,I and P, and enter total in the TOTAL box.....		\$ 3,498.00	
		<b>TOTAL</b>	
<input type="checkbox"/> The designation fees are not paid at this time.			
<b>MODE OF PAYMENT</b> <div style="display: flex; justify-content: space-between;"> <div> <input checked="" type="checkbox"/> authorization to charge                              deposit account (see below)  <input type="checkbox"/> cheque  <input type="checkbox"/> postal money order         </div> <div> <input type="checkbox"/> bank draft  <input type="checkbox"/> cash  <input type="checkbox"/> revenue stamps         </div> <div> <input type="checkbox"/> coupons  <input type="checkbox"/> other (specify):   </div> </div>			
<b>DEPOSIT ACCOUNT AUTHORIZATION</b> <i>(this mode of payment may not be available at all receiving Offices)</i> The RO/US <input checked="" type="checkbox"/> is hereby authorized to charge the total fees indicated above to my deposit account.  <input checked="" type="checkbox"/> is hereby authorized to charge any deficiency or credit any overpayment in the totla fees indicated above to my deposit account.  <input type="checkbox"/> is hereby authorized to charge the fee for preparation and transmittal of the priority document to the International Bureau of WIPO to my deposit account.			
07-1445 Deposit Account Number	22-Mar-00 Date (day/month/year)	Signature <u>Michael A. Glenn, Reg. 30,176</u>	

# PATENT COOPERATION TREATY

From the  
INTERNATIONAL PRELIMINARY EXAMINING AUTHORITY

To: MICHAEL A. GLENN  
GLENN PATENT GROUP  
3475 EDISON WAY, SUITE L  
MENLO PARK, CA 94025

## PCT

### NOTIFICATION OF TRANSMITTAL OF INTERNATIONAL PRELIMINARY EXAMINATION REPORT

(PCT Rule 71.1)

Date of Mailing  
(day/month/year) **05 JUN 2001**

Applicant's or agent's file reference  
**ESCR0001P**

#### IMPORTANT NOTIFICATION

International application No.  
**PCT/US00/07716**

International filing date (day/month/year)  
**22 MARCH 2000**

Priority Date (day/month/year)  
**22 MARCH 1999**

Applicant  
**ESCRIPT, INC.**

1. The applicant is hereby notified that this International Preliminary Examining Authority transmits herewith the international preliminary examination report and its annexes, if any, established on the international application.
2. A copy of the report and its annexes, if any, is being transmitted to the International Bureau for communication to all the elected Offices.
3. Where required by any of the elected Offices, the International Bureau will prepare an English translation of the report (but not of any annexes) and will transmit such translation to those Offices.
4. **REMINDER**

The applicant must enter the national phase before each elected Office by performing certain acts (filing translations and paying national fees) within 30 months from the priority date (or later in some Offices)(Article 39(1))(see also the reminder sent by the International Bureau with Form PCT/IB/301).

Where a translation of the international application must be furnished to an elected Office, that translation must contain a translation of any annexes to the international preliminary examination report. It is the applicant's responsibility to prepare and furnish such translation directly to each elected Office concerned.

For further details on the applicable time limits and requirements of the elected Offices, see Volume II of the PCT Applicant's Guide.

## RECEIVED

JUN 11 2001

**MICHAEL GLENN**

Name and mailing address of the IPEA/US  
Commissioner of Patents and Trademarks  
Box PCT  
Washington, D.C. 20231

**DOCKETED**

By:                       
Date: 6/12/01

Authorized officer

**TARIQ HAFIZ**

*James R. Matthews*

Facsimile No. (703) 305-3230

Telephone No. (703) 308-7808

# PATENT COOPERATION TREATY

# PCT

## INTERNATIONAL PRELIMINARY EXAMINATION REPORT

(PCT Article 36 and Rule 70)

Applicant's or agent's file reference ESCR0001P	<b>FOR FURTHER ACTION</b> See Notification of Transmittal of International Preliminary Examination Report (Form PCT/IPEA/416)	
International application No. PCT/US00/07716	International filing date (day/month/year) 22 MARCH 2000	Priority date (day/month/year) 22 MARCH 1999
International Patent Classification (IPC) or national classification and IPC IPC(7): G06F 17/60 and US Cl.: 705/3, 4		
Applicant ESCRIPT, INC.		

<p>1. This international preliminary examination report has been prepared by this International Preliminary Examining Authority and is transmitted to the applicant according to Article 36.</p> <p>2. This REPORT consists of a total of <u>4</u> sheets.</p> <p><input type="checkbox"/> This report is also accompanied by ANNEXES, i.e., sheets of the description, claims and/or drawings which have been amended and are the basis for this report and/or sheets containing rectifications made before this Authority. (see Rule 70.16 and Section 607 of the Administrative Instructions under the PCT).</p> <p>These annexes consist of a total of <u>0</u> sheets.</p>	
<p>3. This report contains indications relating to the following items:</p> <ul style="list-style-type: none"> <li>I <input checked="" type="checkbox"/> Basis of the report</li> <li>II <input type="checkbox"/> Priority</li> <li>III <input type="checkbox"/> Non-establishment of report with regard to novelty, inventive step or industrial applicability</li> <li>IV <input type="checkbox"/> Lack of unity of invention</li> <li>V <input checked="" type="checkbox"/> Reasoned statement under Article 35(2) with regard to novelty, inventive step or industrial applicability; citations and explanations supporting such statement</li> <li>VI <input checked="" type="checkbox"/> Certain documents cited</li> <li>VII <input type="checkbox"/> Certain defects in the international application</li> <li>VIII <input type="checkbox"/> Certain observations on the international application</li> </ul>	

Date of submission of the demand  31 JULY 2000	Date of completion of this report  10 MAY 2001
Name and mailing address of the IPEA/US Commissioner of Patents and Trademarks Box PCT Washington, D.C. 20231	Authorized officer  TARIQ HAFIZ <i>Janica R. Matthews</i>
Facsimile No. (703) 305-3230	Telephone No. (703) 308-7808

**I. Basis of the report****1. With regard to the elements of the international application:\***

- ☒ the international application as originally filed
- ☒ the description:  
pages 1-47 , as originally filed  
pages NONE , filed with the demand  
pages NONE , filed with the letter of \_\_\_\_\_
- ☒ the claims:  
pages 48-76 , as originally filed  
pages NONE , as amended (together with any statement) under Article 19  
pages NONE , filed with the demand  
pages NONE , filed with the letter of \_\_\_\_\_
- ☒ the drawings:  
pages 1-58 , as originally filed  
pages NONE , filed with the demand  
pages NONE , filed with the letter of \_\_\_\_\_
- ☒ the sequence listing part of the  
description: NONE , as originally filed  
pages NONE , filed with the demand  
pages NONE , filed with the letter of \_\_\_\_\_

**2. With regard to the language, all the elements marked above were available or furnished to this Authority in the language in which the international application was filed, unless otherwise indicated under this item.**

These elements were available or furnished to this Authority in the following language \_\_\_\_\_ which is:

- ☐ the language of a translation furnished for the purposes of international search (under Rule 23.1(b)).
- ☐ the language of publication of the international application (under Rule 48.3(b)).
- ☐ the language of the translation furnished for the purposes of international preliminary examination (under Rules 55.2 and/or 55.3).

**3. With regard to any nucleotide and/or amino acid sequence disclosed in the international application, the international**

- ☐ contained in the international application in printed form.
- ☐ filed together with the international application in computer readable form.
- ☐ furnished subsequently to this Authority in written form.
- ☐ furnished subsequently to this Authority in computer readable form.
- ☐ The statement that the subsequently furnished written sequence listing does not go beyond the disclosure in the international application as filed has been furnished.
- ☐ The statement that the information recorded in computer readable form is identical to the written sequence listing has been furnished.

**4. ☒ The amendments have resulted in the cancellation of:**

- ☒ the description, pages NONE
- ☒ the claims, Nos. NONE
- ☒ the drawings, sheets-fig NONE

**5. ☐ This report has been drawn as if (some of) the amendments had not been made, since they have been considered to go beyond the disclosure as filed, as indicated in the Supplemental Box (Rule 70.2(c)).<sup>11</sup>**

**\* Replacement sheets which have been furnished to the receiving Office in response to an invitation under Article 14 are referred to in this report as "originally filed" and are not annexed to this report since they do not contain amendments (Rules 70.16 and 70.17).**

**\*\*Any replacement sheet containing such amendments must be referred to under item 1 and annexed to this report.**

## INTERNATIONAL PRELIMINARY EXAMINATION REPORT

International application No.

PCT/US00/07716

**V. Reasoned statement under Article 35(2) with regard to novelty, inventive step or industrial applicability; citations and explanations supporting such statement****1. statement**

Novelty (N)	Claims	<u>1-124</u>	YES
	Claims	<u>NONE</u>	NO
Inventive Step (IS)	Claims	<u>1-124</u>	YES
	Claims	<u>NONE</u>	NO
Industrial Applicability (IA)	Claims	<u>1-124</u>	YES
	Claims	<u>NONE</u>	NO

**2. citations and explanations (Rule 70.7)**

Upon consideration of the references, the Colon reference, the Parks reference, the PR Newswire reference, the Wall Street Journal reference, and the Ukens reference are not timewise applicable prior art, and therefore, claims 1-31 meet the criteria set out in PCT Article 33(2)-(4), because the prior art does not teach or fairly suggest a method for covering group members by selecting a past-due request summary and an immediately-due request summary and accessing a request detail report sorted by operator-requested information.

Likewise, the above listed references are not timewise applicable prior art, and therefore, claims 32-62 meet the criteria set out in PCT Article 33(2)-(4), because the prior art does not teach or fairly suggest a method of operating a computer system for covering group members by selecting a past-due request summary and an immediately-due request summary and accessing a request detail report sorted by operator-requested information.

Similarly, the above listed references are not timewise applicable prior art, and therefore, claims 63-93 meet the criteria set out in PCT Article 33(2)-(4), because the prior art does not teach or fairly suggest a program operating system for covering group members by selecting a past-due request summary and an immediately-due request summary and accessing a request detail report sorted by operator-requested information.

Similarly, the above listed references are not timewise applicable prior art, and therefore, claims 94-124 meet the criteria set out in PCT Article 33(2)-(4), because the prior art does not teach or fairly suggest a computing system for covering group members by selecting a past-due request summary and an immediately-due request summary and accessing a request detail report sorted by operator-requested information.

----- NEW CITATIONS -----

## INTERNATIONAL PRELIMINARY EXAMINATION REPORT

International application No.

PCT/US00/07716

**VI. Certain documents cited****1. Certain published documents (Rule 70.10)**

<u>Application No. Patent No.</u>	<u>Publication Date (day/month/year)</u>	<u>Filing Date (day/month/year)</u>	<u>Priority date (valid claim) (day/month/year)</u>
US, A, 5,884,273	16 MARCH 1999	16 MAY 1996	
US, A, 5,737,539	07 APRIL 1998	28 OCTOBER 1994	
US, A, 5,991,731	23 NOVEMBER 1999	01 FEBRUARY 1999	
US, A, 5,845,255	01 DECEMBER 1998	02 OCTOBER 1997	

**2. Non-written disclosures (Rule 70.9)**

<u>Kind of non-written disclosure</u>	<u>Date of non-written disclosure (day/month/year)</u>	<u>Date of written disclosure referring to non-written disclosure (day/month/year)</u>
---------------------------------------	------------------------------------------------------------	------------------------------------------------------------------------------------------------

# PATENT COOPERATION TREATY

From the INTERNATIONAL SEARCHING AUTHORITY

# PCT

NOTIFICATION OF TRANSMITTAL OF  
THE INTERNATIONAL SEARCH REPORT  
OR THE DECLARATION

(PCT Rule 44.1)

To:

LAW OFFICES OF MICHAEL A. GLENN  
Attn. GLENN, Michael A.  
3475 Edison Way, Ste. L  
MENLO PARK, Cal. 94025  
UNITED STATES OF AMERICA

Date of mailing  
(day/month/year)

30/10/2000

Applicant's or agent's file reference

ESCR0001P

**FOR FURTHER ACTION**

See paragraphs 1 and 4 below

International application No.

PCT/US 00/ 07716

International filing date  
(day/month/year)

22/03/2000

Applicant

ESCRIP, INC. et al.

1. ☒ The applicant is hereby notified that the International Search Report has been established and is transmitted herewith.

**Filing of amendments and statement under Article 19:**

The applicant is entitled, if he so wishes, to amend the claims of the International Application (see Rule 46):

**When?** The time limit for filing such amendments is normally 2 months from the date of transmittal of the International Search Report; however, for more details, see the notes on the accompanying sheet.

**Where?** Directly to the International Bureau of WIPO  
34, chemin des Colombettes  
1211 Geneva 20, Switzerland  
Facsimile No.: (41-22) 740.14.35

**For more detailed instructions,** see the notes on the accompanying sheet.

2. ☐ The applicant is hereby notified that no International Search Report will be established and that the declaration under Article 17(2)(a) to that effect is transmitted herewith.

3. ☐ **With regard to the protest** against payment of (an) additional fee(s) under Rule 40.2, the applicant is notified that:

☐ the protest together with the decision thereon has been transmitted to the International Bureau together with the applicant's request to forward the texts of both the protest and the decision thereon to the designated Offices.

☐ no decision has been made yet on the protest; the applicant will be notified as soon as a decision is made.

4. **Further action(s):** The applicant is reminded of the following:

Shortly after **18 months** from the priority date, the international application will be published by the International Bureau. If the applicant wishes to avoid or postpone publication, a notice of withdrawal of the international application, or of the priority claim, must reach the International Bureau as provided in Rules 90bis.1 and 90bis.3, respectively, before the completion of the technical preparations for international publication.

Within **19 months** from the priority date, a demand for international preliminary examination must be filed if the applicant wishes to postpone the entry into the national phase until 30 months from the priority date (in some Offices even later).

Within **20 months** from the priority date, the applicant must perform the prescribed acts for entry into the national phase before all designated Offices which have not been elected in the demand or in a later election within 19 months from the priority date or could not be elected because they are not bound by Chapter II.

Name and mailing address of the International Searching Authority



European Patent Office, P.B. 5818 Patentlaan 2  
NL-2280 HV Rijswijk  
Tel. (+31-70) 340-2040, Tx. 31 651 epo nl,  
Fax: (+31-70) 340-3016

Authorized officer

Marja Brouwers



## NOTES TO FORM PCT/ISA/220

These Notes are intended to give the basic instructions concerning the filing of amendments under article 19. The Notes are based on the requirements of the Patent Cooperation Treaty, the Regulations and the Administrative Instructions under that Treaty. In case of discrepancy between these Notes and those requirements, the latter are applicable. For more detailed information, see also the PCT Applicant's Guide, a publication of WIPO.

In these Notes, "Article", "Rule", and "Section" refer to the provisions of the PCT, the PCT Regulations and the PCT Administrative Instructions respectively.

### INSTRUCTIONS CONCERNING AMENDMENTS UNDER ARTICLE 19

The applicant has, after having received the international search report, one opportunity to amend the claims of the international application. It should however be emphasized that, since all parts of the international application (claims, description and drawings) may be amended during the international preliminary examination procedure, there is usually no need to file amendments of the claims under Article 19 except where, e.g. the applicant wants the latter to be published for the purposes of provisional protection or has another reason for amending the claims before international publication. Furthermore, it should be emphasized that provisional protection is available in some States only.

#### What parts of the international application may be amended?

Under Article 19, only the claims may be amended.

During the international phase, the claims may also be amended (or further amended) under Article 34 before the International Preliminary Examining Authority. The description and drawings may only be amended under Article 34 before the International Examining Authority.

Upon entry into the national phase, all parts of the international application may be amended under Article 28 or, where applicable, Article 41.

#### When?

Within 2 months from the date of transmittal of the international search report or 16 months from the priority date, whichever time limit expires later. It should be noted, however, that the amendments will be considered as having been received on time if they are received by the International Bureau after the expiration of the applicable time limit but before the completion of the technical preparations for international publication (Rule 46.1).

#### Where not to file the amendments?

The amendments may only be filed with the International Bureau and not with the receiving Office or the International Searching Authority (Rule 46.2).

Where a demand for international preliminary examination has been/is filed, see below.

#### How?

Either by cancelling one or more entire claims, by adding one or more new claims or by amending the text of one or more of the claims as filed.

A replacement sheet must be submitted for each sheet of the claims which, on account of an amendment or amendments, differs from the sheet originally filed.

All the claims appearing on a replacement sheet must be numbered in Arabic numerals. Where a claim is cancelled, no renumbering of the other claims is required. In all cases where claims are renumbered, they must be renumbered consecutively (Administrative Instructions, Section 205(b)).

The amendments must be made in the language in which the international application is to be published.

#### What documents must/may accompany the amendments?

##### Letter (Section 205(b)):

The amendments must be submitted with a letter.

The letter will not be published with the international application and the amended claims. It should not be confused with the "Statement under Article 19(1)" (see below, under "Statement under Article 19(1)").

The letter must be in English or French, at the choice of the applicant. However, if the language of the international application is English, the letter must be in English; if the language of the international application is French, the letter must be in French.

The letter must indicate the differences between the claims as filed and the claims as amended. It must, in particular, indicate, in connection with each claim appearing in the international application (it being understood that identical indications concerning several claims may be grouped), whether

- (i) the claim is unchanged;
- (ii) the claim is cancelled;
- (iii) the claim is new;
- (iv) the claim replaces one or more claims as filed;
- (v) the claim is the result of the division of a claim as filed.

The following examples illustrate the manner in which amendments must be explained in the accompanying letter:

1. [Where originally there were 48 claims and after amendment of some claims there are 51]:  
"Claims 1 to 29, 31, 32, 34, 35, 37 to 48 replaced by amended claims bearing the same numbers; claims 30, 33 and 36 unchanged; new claims 49 to 51 added."
2. [Where originally there were 15 claims and after amendment of all claims there are 11]:  
"Claims 1 to 15 replaced by amended claims 1 to 11."
3. [Where originally there were 14 claims and the amendments consist in cancelling some claims and in adding new claims]:  
"Claims 1 to 6 and 14 unchanged; claims 7 to 13 cancelled; new claims 15, 16 and 17 added." or  
"Claims 7 to 13 cancelled; new claims 15, 16 and 17 added; all other claims unchanged."
4. [Where various kinds of amendments are made]:  
"Claims 1-10 unchanged; claims 11 to 13, 18 and 19 cancelled; claims 14, 15 and 16 replaced by amended claim 14; claim 17 subdivided into amended claims 15, 16 and 17; new claims 20 and 21 added."

**"Statement under article 19(1)" (Rule 46.4)**

The amendments may be accompanied by a statement explaining the amendments and indicating any impact that such amendments might have on the description and the drawings (which cannot be amended under Article 19(1)).

The statement will be published with the international application and the amended claims.

**It must be in the language in which the international application is to be published.**

It must be brief, not exceeding 500 words if in English or if translated into English.

It should not be confused with and does not replace the letter indicating the differences between the claims as filed and as amended. It must be filed on a separate sheet and must be identified as such by a heading, preferably by using the words "Statement under Article 19(1)."

It may not contain any disparaging comments on the international search report or the relevance of citations contained in that report. Reference to citations, relevant to a given claim, contained in the international search report may be made only in connection with an amendment of that claim.

**Consequence if a demand for international preliminary examination has already been filed**

If, at the time of filing any amendments under Article 19, a demand for international preliminary examination has already been submitted, the applicant must preferably, at the same time of filing the amendments with the International Bureau, also file a copy of such amendments with the International Preliminary Examining Authority (see Rule 62.2(a), first sentence).

**Consequence with regard to translation of the international application for entry into the national phase**

The applicant's attention is drawn to the fact that, where upon entry into the national phase, a translation of the claims as amended under Article 19 may have to be furnished to the designated/elected Offices, instead of, or in addition to, the translation of the claims as filed.

For further details on the requirements of each designated/elected Office, see Volume II of the PCT Applicant's Guide.

## PATENT COOPERATION TREATY

PCT

From the INTERNATIONAL BUREAU

NOTIFICATION OF THE RECORDING  
OF A CHANGE(PCT Rule 92bis.1 and  
Administrative Instructions, Section 422)

To:

GLENN, Michael, A.  
Glenn Patent Group  
3475 Edison Way, Ste. L  
Menlo Park, CA 94025  
ETATS-UNIS D'AMERIQUE

Date of mailing (day/month/year)

03 September 2001 (03.09.01)

Applicant's or agent's file reference

ESCR0001P

## IMPORTANT NOTIFICATION

International application No.

PCT/US00/07716

International filing date (day/month/year)

22 March 2000 (22.03.00)

1. The following indications appeared on record concerning:

☐

the applicant

☐

the inventor

☒

the agent

☐

the common representative

Name and Address

GLENN, Michael, A.  
Glenn Patent Group  
Menlo Park, CA 94025  
United States of America

State of Nationality

State of Residence

Telephone No.

(650) 474-8400

Facsimile No.

(650) 474-8401

Teleprinter No.

2. The International Bureau hereby notifies the applicant that the following change has been recorded concerning:

☐

the person

☐

the name

☒

the address

☐

the nationality

☐

the residence

Name and Address

GLENN, Michael, A.  
Glenn Patent Group  
3475 Edison Way, Ste. L  
Menlo Park, CA 94025  
United States of America

State of Nationality

State of Residence

Telephone No.

(650) 474-8400

Facsimile No.

(650) 474-8401

Teleprinter No.

3. Further observations, if necessary:

4. A copy of this notification has been sent to:

☒

the receiving Office

☐

the International Searching Authority

☐

the International Preliminary Examining Authority

☐

the designated Offices concerned

☒

the elected Offices concerned

☐

other:

The International Bureau of WIPO  
34, chemin des Colombettes  
1211 Geneva 20, Switzerland

Authorized officer

Beatriz LARGO

Facsimile No.: (41-22) 740.14.35

Telephone No.: (41-22) 338.83.38

## PATENT COOPERATION TREATY

PCT

## NOTIFICATION OF ELECTION

(PCT Rule 61.2)

From the INTERNATIONAL BUREAU

To:

Commissioner  
 US Department of Commerce  
 United States Patent and Trademark  
 Office, PCT  
 2011 South Clark Place Room  
 CP2/5C24  
 Arlington, VA 22202  
 ETATS-UNIS D'AMERIQUE  
 in its capacity as elected Office

Date of mailing (day/month/year) 19 June 2001 (19.06.01)	
International application No. PCT/US00/07716	Applicant's or agent's file reference ESCR0001P
International filing date (day/month/year) 22 March 2000 (22.03.00)	Priority date (day/month/year) 22 March 1999 (22.03.99)
Applicant WEINSTEIN, David et al	

1. The designated Office is hereby notified of its election made:

☒ in the demand filed with the International Preliminary Examining Authority on:

31 July 2000 (31.07.00)

☐ in a notice effecting later election filed with the International Bureau on:
2. The election ☒ was
☐ was not

made before the expiration of 19 months from the priority date or, where Rule 32 applies, within the time limit under Rule 32.2(b).

The International Bureau of WIPO 34, chemin des Colombettes 1211 Geneva 20, Switzerland Facsimile No.: (41-22) 740.14.35	Authorized officer Claudio Borton Telephone No.: (41-22) 338.83.38
-----------------------------------------------------------------------------------------------------------------------------------	--------------------------------------------------------------------------



## INTERNATIONAL APPLICATION PUBLISHED UNDER THE PATENT COOPERATION TREATY (PCT)

(51) International Patent Classification 7 : <b>G06F 19/00</b>		<b>A2</b>	(11) International Publication Number: <b>WO 00/57341</b>
			(43) International Publication Date: 28 September 2000 (28.09.00)
(21) International Application Number: PCT/US00/07716 (22) International Filing Date: 22 March 2000 (22.03.00) (30) Priority Data: 60/125,461                      22 March 1999 (22.03.99)                      US (63) Related by Continuation (CON) or Continuation-in-Part (CIP) to Earlier Application US                                              60/125,461 (CIP) Filed on                                      22 March 2000 (22.03.00) (71) Applicant (for all designated States except US): ESCRIPT, INC. [US/US]; 2 Scenic Court, Danville, CA 94506 (US). (72) Inventors; and (75) Inventors/Applicants (for US only): WEINSTEIN, David [US/US]; 2 Scenic Court, Danville, CA 94506 (US). REISS, Robert [US/US]; 225 Irving Street, Apartment 7, San Francisco, CA 94122 (US). (74) Agents: GLENN, Michael, A. et al.; Glenn Patent Group, Menlo Park, CA 94025 (US).		(81) Designated States: AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, CA, CH, CN, CU, CZ, DE, DK, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MD, MG, MK, MN, MW, MX, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, UA, UG, US, UZ, VN, YU, ZA, ZW, ARIPO patent (GH, GM, KE, LS, MW, SD, SL, SZ, TZ, UG, ZW), Eurasian patent (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM), European patent (AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE), OAPI patent (BF, BJ, CF, CG, CI, CM, GA, GN, GW, ML, MR, NE, SN, TD, TG).  <b>Published</b> <i>Without international search report and to be republished upon receipt of that report.</i>	

(54) Title: METHOD AND APPARATUS FOR MEDICAL COVERING GROUP REQUEST PROCESSING, REVIEW AND MANAGEMENT

 script Check Inbox Check Futures New Rx Undo 1080 Options Help Desk Log Out Logo Logo		Advertising Space Group Monitor For: East Bay Clinic <table border="1"> <thead> <tr> <th>Inbox For</th> <th>1002</th> <th>1004</th> <th>Immediates</th> <th>Days Late</th> <th>Futures</th> <th>1008</th> </tr> </thead> <tbody> <tr> <td>Smith, William</td> <td>1010</td> <td>5</td> <td>1012</td> <td>2</td> <td>1014</td> <td>51 1016</td> </tr> <tr> <td>Doctor, Joe</td> <td>1020</td> <td>12</td> <td>3</td> <td>9</td> <td></td> <td></td> </tr> <tr> <td>Surgeon, Frank</td> <td>1022</td> <td>0</td> <td>0</td> <td>0</td> <td></td> <td></td> </tr> <tr> <td>OBG, Louis</td> <td>1024</td> <td>0</td> <td>0</td> <td>0</td> <td></td> <td></td> </tr> <tr> <td>Welby, John</td> <td>1026</td> <td>6</td> <td>1</td> <td>5</td> <td></td> <td></td> </tr> </tbody> </table> Rx Inbox for: Smith, William W (IMMEDIATES) <table border="1"> <tr> <td>PATIENT, SUSIE K</td> <td>1040</td> <td>PCP SMITH</td> <td>1042</td> <td>MR# 00 000000-86-XX</td> </tr> <tr> <td>1058 2 days</td> <td>1052 CIPRO 500MG TABLET</td> <td>1044</td> <td>Qty 10</td> <td>Fill 2/11/99 1050</td> </tr> <tr> <td>Change/Details</td> <td colspan="4">TAKE 1 TABLET 2 TIMES A DAY FOR 5 DAYS 1048 1046</td> </tr> <tr> <td></td> <td colspan="4">FORWARD from YUN, SMITH MD RESIDENT- FAMILY PRACTICE 1054</td> </tr> <tr> <td>PERSON, MARK S</td> <td>1080</td> <td>PCP SMITH</td> <td>1082</td> <td>MR# 00 000000-75-XX</td> </tr> <tr> <td>1078 Change/Details</td> <td colspan="2">"BECLOVENT INHALER" 1084</td> <td>QTY 15.8 1066</td> <td>Fill 2/13/97 1070</td> </tr> <tr> <td>1072</td> <td colspan="4">INHALE 2 PUFFS 2 TIMES DAILY, RINSE MOUTH AFTER USE (GENERIC FOR VANCERIL) 1068</td> </tr> <tr> <td>HEALTHY, LAURA J</td> <td></td> <td>PCP SMITH</td> <td></td> <td>MR# 00 000000-16-XX</td> </tr> <tr> <td></td> <td colspan="2">HYDROCHLOROTHIAZIDE 25MG TB</td> <td>QTY 100</td> <td>Fill 11/17/98</td> </tr> </table>	Inbox For	1002	1004	Immediates	Days Late	Futures	1008	Smith, William	1010	5	1012	2	1014	51 1016	Doctor, Joe	1020	12	3	9			Surgeon, Frank	1022	0	0	0			OBG, Louis	1024	0	0	0			Welby, John	1026	6	1	5			PATIENT, SUSIE K	1040	PCP SMITH	1042	MR# 00 000000-86-XX	1058 2 days	1052 CIPRO 500MG TABLET	1044	Qty 10	Fill 2/11/99 1050	Change/Details	TAKE 1 TABLET 2 TIMES A DAY FOR 5 DAYS 1048 1046					FORWARD from YUN, SMITH MD RESIDENT- FAMILY PRACTICE 1054				PERSON, MARK S	1080	PCP SMITH	1082	MR# 00 000000-75-XX	1078 Change/Details	"BECLOVENT INHALER" 1084		QTY 15.8 1066	Fill 2/13/97 1070	1072	INHALE 2 PUFFS 2 TIMES DAILY, RINSE MOUTH AFTER USE (GENERIC FOR VANCERIL) 1068				HEALTHY, LAURA J		PCP SMITH		MR# 00 000000-16-XX		HYDROCHLOROTHIAZIDE 25MG TB		QTY 100	Fill 11/17/98
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## (57) Abstract

Certain embodiments include a method for a first covering group member belonging to a covering group of using a request list containing a request list component for each of the covering group members. The covering group containing at least two covering group members. Each of the request list components further contains a request summary collection containing at least a past-due request summary and an immediately-due request summary. The method includes the user performing the following. Selecting a second of the covering group members belonging to the covering group. Selecting a first of the summaries of the request summary collection contained in the request list component for the second covering group member. Perceiving a request detail report for the first summary of the request summary collection contained in the request list component for the second covering group member containing at least one request report comprising a requestor name, a requested item, a request response list containing at least two request responses.

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## METHOD AND APPRATUS FOR MEDICAL COVERING GROUP REQUEST PROCESSING, REVIEW AND MANAGEMENT

This application claims priority to U.S. provisional application no. 60/125,461, filed March 22, 1999, entitled "On-line Prescription Service".

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### Technical field

Embodiments relate to the field of medical prescriptions, medical laboratory tests and physician referrals. In particular, certain embodiments relate to interactive tools for the prescribing practitioners, pharmacists and medical care management of prescriptions. In particular, certain embodiments relate to interactive tools for  
10 primary care providers, medical consultants and medical care management of medical referrals. In particular, certain embodiments relate to interactive tools for prescribing practitioners, medical laboratories and medical care management of laboratory tests.

### Background Art

15 Traditionally, the process of creating and refilling prescriptions entails an enormous of waste of time and effort. New prescriptions, are often hand-written on pieces of paper and then hand carried by the patient to the pharmacist. There are no readily available mechanisms efficiently checking that the prescription is on a list of medications covered by the patient's insurer (known herein as the FORMULARY).  
20 Conflicts with FORMULARY compliance are usually first noted at the pharmacy, often leading to several phone calls between the pharmacist and physician and resulting in wasting the patient's, physician's and pharmacist's time. The decision to use non-FORMULARY compliant drugs often brings the patient into this process, usually adding to the time and overhead required to complete the process of starting  
25 a new prescription.

What is needed is an optimized procedure minimizing the physician's time and maximizing the reliability of the process. What is needed includes automated FORMULARY compliance review. What is further needed is optimized reliable communication between physician and pharmacy.

Prescription refill requests are also written on pieces of paper, which are then submitted for approval to someone of prescription authority, usually a physician. They are often found in stacks on a physician's desk. These stacks of paper have a large potential for getting lost, with vital time critical prescription refill slips of paper looking no different from prescription refill requests which are not needed for days. While the prescription may have been reviewed for FORMULARY compliance, these other procedural problems are again a large waste of time. They render the quality of service a result of near random acts of administration, dependent upon someone reviewing the refill requests, after which, something may happen. What is needed is a time-efficient process for refill requests prioritizing the refill requests for the authorizing physician.

Additionally, there is the issue of whether a physician can be available for prescription prefill or refill authorization. There are times when physicians are unavailable, attending conferences, important personal or family events, etc. Physicians have evolved a covering group mechanism, where two or more doctors will belong to a covering group, and if one physician is not available, the others have authorization to order prescription refills. However, the system has some major problems. There are now multiple piles of slips of paper. There is no ready way to know where these piles are located or which ones among them are time-critical. There is no ready way to know the location of patient medical files needed for these requests, any of the covering physicians may have them. This situation again leads to a great deal of waste and confusion. What is needed is an efficient refill authorization procedure accessible by every member of the covering group, presenting a prioritized list of pending refill requests, supporting authorization with automated FORMULARY compliance.

Once the refill order has been authorized, a second ordeal of waste and confusion takes place. A pharmacy must be contacted, usually by telephone or FAX, again tying up the prescriber and/or their staff to insure that the pharmacy got the message, etc. It should be noted that physicians in managed care settings are required to see 25-35 patients per day to "earn their pay". The physicians' expertise is taken away from the pressing health problems for which their skills are most vitally needed by these procedural inefficiencies. The inefficiencies just described



cost everyone, the physician's income, the patient's time, and the required bureaucratic overhead (expense) at the pharmacy and physician's office. Optimized, reliable communication between physician and pharmacy is again needed.

Another problem related to this is the medical management issue: which physicians are unresponsive to this vital paperwork activity. No one can readily extract performance information from such a situation as it currently exists. What is needed is a tracking mechanism efficiently extracting information of physician responsiveness.

A related situation involves referrals to specialists in managed care settings. The process begins with the patient's primary care provider filling out a request form for a specialist to examine a patient. This request form is tangible paper, which is physically picked up and taken to an administrator who approves and schedules the specialist consultation, assuming the primary care provider has followed certain guidelines. Once this has happened, the specialist at the appointed time sees the patient, and may prescribe a medication. Today, there is no efficient mechanism for feedback from the specialist to the primary care provider. What is needed is an efficient referral procedure automating the communication, the redundant human entry and the compliance confirmation of the various steps in this process. What is further needed is an efficient feedback mechanism from the specialist to the primary care provider.

Again, there is the issue of whether a physician can be available to authorize referrals or respond to requests from specialists. The covering groups are also used for these situations. Again, there are multiple piles of slips of paper. Again, there is no ready way to know where these piles are located or which ones among them are time-critical. Again, there is no ready way to know the location of patient medical files needed for these requests, any of the covering physicians may have them. Again, the situation leads to a great deal of waste and confusion. What is needed is an efficient referral review and authorization procedure accessible by every member of the covering group, presenting a prioritized list of pending referral requests and supporting authorization.

A related situation involves lab results. As before, a form is filled out. The issue of whether the test is covered by insurance must be addressed before the test is performed, usually by an administrator approving the request. The medical lab receives the approved request form, often this is hand carried by the patient. The lab then takes the required samples, often sending these medical samples to a regional lab where the actual results are generated. Once the results are back, the lab distributes them to the requesting physicians. If something is significantly deviant, a physician may well need to make a timely judgement call to safeguard the patient's health. Even though the people carrying out this process are dedicated, the process itself is cumbersome, often requiring people to physically process and transport lots of pieces of paper to achieve a result in a timely and reliable fashion. What is needed is an efficient referral procedure automating the communication, the redundant human entry and the compliance confirmation of the various steps in this process.

Again, there is the issue of whether a physician can be available to authorize and review lab tests. The covering groups are also used for these situations. Again, there are multiple piles of slips of paper. Again, there is no ready way to know where these piles are located or which ones among them are time-critical. Again, there is no ready way to know the location of patient medical files needed for these requests and reviews, any of the covering physicians may have them. Again, the situation leads to a great deal of waste and confusion. The problem of an untimely lab result review can jeopardize a patient's health, perhaps even be life-threatening. What is needed is an efficient laboratory test review and authorization procedure accessible by every member of the covering group, presenting a prioritized list of pending laboratory test reviews and requests, and supporting authorization with automated insurance compliance.

While certain inventions have been patented which aid in creating prescriptions (see U.S. patent 5,737,539 and U.S. patent 5,845,255), these inventions do not address covering group authorization, management nor refills. They also do not support batch authorization of prescriptions. Prescriptions are treated as essentially isolated events in what is often very much a covering group environment. These vital

activities are left to the clumsy, paper intensive approaches of the past, which waste so much time and money for everyone involved.

To summarize, there is a strong and consistent need for an optimized process of communication, compliance review, decision-making, and progress monitoring for both the individual physician, specialist, the covering group they belong to, medical administration, pharmacies and labs regarding prescription refills, physician referrals and lab tests. The results of satisfying these needs will be lower health care costs and improved health care quality for patients. The results of satisfying these needs will further reduce waste for the managed care systems, physicians, pharmacists, medical labs, and their offices. The results of satisfying these needs will further increase the revenue of many physicians who are currently inundated with paperwork, which gets in the way of their practice and their income.

#### Summary of the invention

Certain embodiments include a method for a first covering group member belonging to a covering group using a request list containing a request list component for each of the covering group members. The covering group containing at least two covering group members. Each of the request list components further contains a request summary collection containing at least a past-due request summary and an immediately-due request summary.

The method includes the user performing the following. Selecting a second of the covering group members belonging to the covering group. Selecting a first of the summaries of the request summary collection contained in the request list component for the second covering group member. Perceiving a request detail report for the first summary of the request summary collection contained in the request list component for the second covering group member containing at least one request report comprising a requestor name, a requested item and a request response list containing at least two request responses.

Such embodiments advantageously support one member of the covering group viewing the prioritized request summaries of other covering group members, or themselves. Such embodiments further advantageously support one member

viewing request detail reports of a selected request summary of other group covering members, or themselves.

Certain embodiments include a method of operating a computer system by a first covering group member belonging to a covering group interacting with a request list.

- 5 The method includes the user performing the following. Selecting a second of the covering group members belonging to the covering group. Selecting a first of the summaries of the request summary collection contained in the request list component for the second covering group member. Perceiving a request detail report for the first summary of the request summary collection contained in the request list component for the second covering group member containing at least one request report comprising a requestor name, a requested item and a request response list containing at least two request responses.

- Such embodiments advantageously support one member of the covering group viewing the prioritized request summaries of other covering group members, or themselves. Such embodiments further advantageously support one member viewing request detail reports of a selected request summary of other group covering members, or themselves.

- Certain embodiments include selecting a first of the request responses of the request detail report for the first summary of the first summary component to create a preliminary request response of the first summary of the first summary component. Such embodiments advantageously support selection of request responses in a user efficient fashion.

- Certain embodiments include selecting to send at least one of the preliminary request responses. Such embodiments advantageously support authorization through communication by sending at least one of the preliminary request responses.

Certain further embodiments include selecting to send at least one of the preliminary request responses comprising selecting to send at least all of the preliminary request responses of the first summary component. Such embodiments

advantageously support authorization through communication by sending at least all of the preliminary request responses of one of the summary components.

Certain further embodiments include selecting to send at least one of the preliminary request responses comprising selecting to send at least all of the preliminary request responses. Such embodiments advantageously support authorization through sending all of the preliminary request responses at one time.

Certain embodiments include the requested item being a prescription and the request summary collection further containing a future-due request summary. Such embodiments advantageously support prescription request processing.

Certain further embodiments include selecting the first request response of the request detail report for the first summary of the first summary component to create the preliminary request response of the first summary of the first summary component comprised of selecting to create a view of medication history response. Such embodiments support selective viewing of a patient's medication history response.

Certain further embodiments include selecting the first request response of the request detail report for the first summary of the first summary component to create the preliminary request response of the first summary of the first summary component further comprised of selecting to create a view of appointment history response. Such embodiments support selective viewing of a patient's appointment history response.

Certain further embodiments include selecting the first request response of the request detail report for the first summary of the first summary component to create the preliminary request response of the first summary of the first summary component further comprised of selecting to create a change prescription response. Such embodiments advantageously support changing a prescription in response to a prescription refill request.

Certain further embodiments include selecting the first request response of the request detail report for the first summary of the first summary component to create the preliminary request response of the first summary of the first summary

component comprised of selecting to create a hold prescription response. Such embodiments advantageously support communicating that a physician has issued a hold on the prescription request. This informs the pharmacy that it has been noted and to expect response soon.

5 Certain further embodiments include selecting the first request response of the request detail report for the first summary of the first summary component to create the preliminary request response of the first summary of the first summary component further comprised of selecting to create a view pharmacy message response. Such embodiments advantageously support pharmacy feedback to the  
10 prescribing physician or their covering group member. Further, this directly and efficiently supports the pharmacy passing on the comments and requests of the patient or the patient's insurer.

Certain further embodiments include selecting the first request response of the request detail report for the first summary of the first summary component to create  
15 the preliminary request response of the first summary of the first summary component selecting to create a forward to primary care provider response. Such embodiments advantageously support forwarding a request response to the primary care provider.

Certain further embodiments include selecting the first request response of the request detail report for the first summary of the first summary component to create  
20 the preliminary request response of the first summary of the first summary component further comprised of selecting to create a fill prescription response. Such embodiments advantageously support authorization of a prescription refill request.

Certain further embodiments include selecting to create the fill prescription response  
25 further comprised of selecting to fill the prescription response in terms of units. Such embodiments advantageously support refilling the prescription in terms of units.

Certain further embodiments include selecting to fill the prescription response in terms of units comprised of selecting to fill the prescription response in terms of one unit of the prescription. Such embodiments advantageously support single unit  
30 refills.

Certain further embodiments include selecting to fill the prescription response in terms of units comprised of selecting to fill the prescription response in terms of at least two units of the prescription. Such embodiments advantageously support multiple unit refills.

- 5 Certain embodiments include selecting to create the fill prescription response comprised of selecting to fill the fill prescription response in terms of time duration. Such embodiments advantageously support refill authorizations extending over a duration of time.

- 10 Certain further embodiments include selecting to create a new prescription. Such embodiments advantageously support incorporation of new prescriptions into the covering group monitoring system.

- Certain further embodiments include selecting to create the new prescription comprised of the following. Selecting a patient identifier associated with the new prescription to create a patient with the new prescription. Selecting a medication  
15 associated with the new prescription to create a medication with the new prescription. Selecting a dosage associated with the new prescription to create a dosage with the new prescription. Selecting a prescription unit number associated with the new prescription to create a number of units with the new prescription. Selecting a prescription direction associated with the new prescription to create a  
20 direction with the new prescription. Selecting a pharmacy for filling the prescription to create a filling pharmacy for the new prescription. And authorizing the new prescription, with the patient identifier, with the medication, with the dosage, with the number of units, with the direction at the filling pharmacy. Such embodiments advantageously support physician-efficient prescription creations within the covering  
25 group monitor.

- Certain further embodiments include selecting the patient identifier associated with the new prescription to create the patient with the new prescription comprised of the following. Perceiving a patient identifier list containing at least one patient identifier. Selecting a first of the patient identifiers of the patient identifier list to create the  
30 patient with the new prescription. Such embodiments advantageously support perception of a patient identifier list and selecting a patient identifier from that

perceived list. This minimizes the paper shuffling and potential for inaccurate typing the patient identifier.

Certain further embodiments include selecting the medication associated with the new prescription to create the medication with the new prescription comprised of the following. Perceiving a medication list containing at least two medications. Selecting a first of the medications of the medication list to create the medication with the new prescription. Such embodiments advantageously support perceiving a medication list and selecting a medication from that medication list. Such embodiments may further provide information upon FORMULARY compliance and insurer coverage.

Certain further embodiments include selecting the dosage associated with the new prescription to create the dosage with the new prescription comprised of the following. Perceiving a dosage list containing at least one dosage. Selecting a first of the dosages of the dosage list to create the dosage with the new prescription. Such embodiments advantageously support a dosage list and selecting a dosage from the dosage list.

Certain further embodiments include selecting a prescription unit number associated with the new prescription to create a number of units with the new prescription comprised of the following. Perceiving a number of units list containing at least one number of units. Selecting a first of the number of units of the number of units list to create the number of units with the new prescription. Such embodiments advantageously support perceiving a numbers of units list and selecting from that list.

Certain further embodiments include selecting a prescription direction associated with the new prescription to create a direction with the new prescription comprised of the following. Perceiving a direction list containing at least one direction. Selecting a first of the directions of the direction list to create the direction with the new prescription. Such embodiments advantageously support perceiving standard directions for a medication for various conditions and selecting directions in keeping with the medication and patient's condition.

Certain further embodiments include selecting a pharmacy for filling the prescription to create a filling pharmacy for the new prescription comprised of the following.



Perceiving a pharmacy list containing at least one pharmacy. Selecting a first of the pharmacies of the pharmacy list to create the pharmacy with the new prescription. Such embodiments advantageously support perceiving the pharmacy list and selecting a pharmacy from that list.

- 5 Certain further embodiments include the pharmacy list being annotated with patient pharmacy preferences and history. Such embodiments advantageously support optimizing the patient's time in picking up prescriptions.

Certain further embodiments include authorizing the new prescription with the patient identifier, medication, dosage, number of units, and direction at the filling  
10 pharmacy comprised of sending the new prescription with the patient identifier, medication, dosage, number of units and direction to the filling pharmacy. Such embodiments advantageously support authorizing communicating the prescription to the pharmacy.

Certain further embodiments include authorizing the new prescription with the  
15 patient identifier, medication, dosage, number of units, direction at the filling pharmacy is comprised of sending the new prescription with the patient identifier, medication, dosage, number of units, direction at the filling pharmacy to a physician. Such embodiments advantageously support authorization including sending the prescription request to another physician for authorization. This is particularly  
20 beneficial in situations where a consulting physician wishes a patient's primary care provider to review the prescription before authorizing the pharmacy to fill the prescription.

Certain further embodiments include where the requested item is a referral and the request summary collection further contains a referral result summary. Such  
25 embodiments advantageously support covering group monitoring of referrals. Such embodiments also advantageously support the covering group monitoring of referral results, thus improving the quality of health care in such covering group environments.

Certain further embodiments include where the requested item is a laboratory test  
30 and the request summary collection further contains a test result summary. Such embodiments advantageously support covering group monitoring of laboratory test

requests. Such embodiments also advantageously support the covering group monitoring of laboratory test results, thus improving the quality of health care in such covering group environments.

Certain further embodiments include selecting the first request responses of the request detail report for the first summary of the first summary component to create a preliminary request response of the first summary of the first summary component which is comprised of at least one of the following. Acoustically selecting the first request responses of the request detail report for the first summary of the first summary component to create a preliminary request response of the first summary of the first summary component. Visually selecting the first request responses of the request detail report for the first summary of the first summary component to create a preliminary request response of the first summary of the first summary component.

Such embodiments advantageously support both acoustic and visual selection of request responses. As used herein, a visual response includes but is not limited to tactile stimulus of a visual surface, such as a touch pad or transparent touch screen and the use of a pointing device such as a mouse or pen type device.

Certain further embodiments include perceiving the request detail report for the first summary of the request summary collection contained in the request list component for the second covering group member comprised of the following. Hearing the request detail report for the first summary of the request summary collection contained in the request list component for the second covering group member containing at least one request report comprising the requestor name, the requested item, the request response list containing at least two request responses. Seeing the request detail report for the first summary of the request summary collection contained in the request list component for the second covering group member containing at least one request report comprising the requestor name, the requested item, the request response list containing at least two request responses.

Such embodiments advantageously support both hearing and/or seeing the request detail report. Such embodiments additionally support the physician or medical practitioner when their eyes are committed to some task, such as driving a car.

While they cannot reasonably or ethically take their eyes off the traffic, they do have the time to hear a request detail report.

These and other advantages of the present invention will become apparent upon reading the following detailed descriptions and studying the various figures of the drawings.

#### Brief Description of the Drawings

Figure 1 depicts a viewing region including a group monitor for prescriptions for a covering group, in accordance with certain embodiments;

Figure 2 depicts a viewing region including a group monitor for prescriptions and referrals for a covering group, in accordance with certain embodiments;

Figure 3 depicts a viewing region including a group monitor for prescriptions and referrals for a covering group, in accordance with certain embodiments;

Figure 4 depicts a usage flowchart performing a method for the first covering group member belonging to the covering group using the request list contains the request list component for each covering group member, in accordance with using certain usage embodiments;

Figure 5A depicts a detail flowchart of user operation 2000 of Figure 4 further performing a method for the first covering group member belonging to the covering group using the request list containing the request list component for each covering group member, in accordance with certain embodiments;

Figure 5B depicts a detail flowchart of user operation 2000 of Figure 4 further performing a method for the first covering group member belonging to the covering group using the request list containing the request list component for each covering group member in accordance with certain embodiments;

Figure 5C depicts a detail flowchart of user operation 2052 of Figure 5B performing selecting to send at least all of the preliminary request responses of the first summary component in accordance with certain embodiments;

Figure **6A** depicts a detail flowchart of user operation **2052** of Figure **5B** performing selecting to send at least all of the preliminary request responses in accordance with certain embodiments;

Figure **6B** depicts a detail flowchart of user operation **2032** of Figure **5A** performing selecting to create a view of medication history response in accordance with certain embodiments;

Figure **6C** depicts a detail flowchart of user operation **2032** of Figure **5A** performing selecting to create a view of appointment history response in accordance with certain embodiments;

Figure **7A** depicts a detail flowchart of user operation **2032** of Figure **5A** performing selecting to create a change prescription response in accordance with certain embodiments;

Figure **7B** depicts a detail flowchart of user operation **2032** of Figure **5A** performing selecting to create a hold prescription response in accordance with certain embodiments;

Figure **7C** depicts a detail flowchart of user operation **2032** of Figure **5A** performing selecting to create a view pharmacy message response in accordance with certain embodiments;

Figure **8A** depicts a detail flowchart of user operation **2032** of Figure **5A** performing selecting to create a forward to primary care provider response in accordance with certain embodiments;

Figure **8B** depicts a detail flowchart of user operation **2032** of Figure **5A** performing selecting to create a fill prescription response in accordance with certain embodiments;

Figure **8C** depicts a detail flowchart of user operation **2232** of Figure **8B** performing selecting to fill the prescription response in terms of units in accordance with certain embodiments;

Figure **9A** depicts a detail flowchart of user operation **2252** of Figure **8C** performing selecting to fill the prescription response in terms of one unit of the prescription in accordance with certain embodiments;

5 Figure **9B** depicts a detail flowchart of user operation **2252** of Figure **8C** performing selecting to fill the prescription response in terms of at least two units of the prescription in accordance with certain embodiments;

Figure **10A** depicts a detail flowchart of user operation **2232** of Figure **8B** performing selecting to fill the fill prescription response in terms of time duration in accordance with certain embodiments;

10 Figure **10B** depicts a detail flowchart of user operation **2000** of Figure **4** further performing a method for the first covering group member belonging to the covering group of using the request list containing the request list component for each covering group member in accordance with certain embodiments, in accordance with certain embodiments;

15 Figure **11** depicts a detail flowchart of user operation **2332** of Figure **10B** further performing selecting to create the new prescription in accordance with certain embodiments;

20 Figure **12A** depicts a detail flowchart of user operation **2352** of Figure **11** performing selecting a patient identifier associated with the new prescription to create a patient with the new prescription in accordance with certain embodiments;

Figure **12B** depicts a detail flowchart of user operation **2362** of Figure **11** performing selecting the medication associated with the new prescription to create the medication with the new prescription in accordance with certain embodiments;

25 Figure **13A** depicts a detail flowchart of user operation **2372** of Figure **11** performing selecting the dosage associated with the new prescription to create the dosage with the new prescription in accordance with certain embodiments;

Figure **13B** depicts a detail flowchart of user operation **2362** of Figure **11** performing selecting a prescription unit number associated with the new prescription to create a number of units with the new prescription in accordance with certain embodiments;

Figure **14A** depicts a detail flowchart of user operation **2392** of Figure **14A** performing selecting a prescription direction associated with the new prescription to create a direction with the new prescription in accordance with certain embodiments;

- 5 Figure **14B** depicts a detail flowchart of user operation **2402** of Figure **11** performing selecting a pharmacy for filling the prescription to create a filling pharmacy for the new prescription in accordance with certain embodiments;

Figure **15A** depicts a detail flowchart of user operation **2412** of Figure **11** performing sending the new prescription with the patient identifier, with the medication, with the  
10 dosage, the number of units and with the direction to the filling pharmacy in accordance with certain embodiments;

Figure **15B** depicts a detail flowchart of user operation **2412** of Figure **11** performing sending the new prescription with the patient identifier, with the medication, with the dosage, with the number of units and with the direction at the filling pharmacy to a  
15 physician in accordance with certain embodiments;

Figure **16** depicts a system block diagram for a computing system supporting the first covering group member interacting with a request list containing a request list component for each of the covering group members of the covering group;

Figure **17** depicts a viewing region component supporting changing a prescription,  
20 in accordance with certain embodiments;

Figure **18** depicts a viewing region component supporting viewing a patient medical history, in accordance with certain embodiments;

Figure **19** depicts a viewing region component supporting viewing a patient appointment history, in accordance with certain embodiments;

25 Figure **20** depicts a viewing region component supporting starting a new prescription, in accordance with certain embodiments;

Figure **21** depicts a viewing region component supporting creating a new prescription by selecting a patient, in accordance with certain embodiments;

Figure 22 depicts a viewing region component supporting creating a new prescription showing the selected patient, in accordance with certain embodiments;

Figure 23 depicts a viewing region component supporting creating a new prescription by selecting a pharmacy, in accordance with certain embodiments;

- 5 Figure 24 depicts a viewing region component supporting creating a new prescription showing the selected patient and the selected pharmacy, in accordance with certain embodiments;

Figure 25 depicts a viewing region component supporting creating a new prescription by selecting a medication, in accordance with certain embodiments;

- 10 Figure 26 depicts a viewing region component supporting creating a new prescription showing the selected patient, the selected pharmacy and selected medication, in accordance with certain embodiments;

- 15 Figure 27 depicts a viewing region component supporting creating a new prescription showing the selected patient, the selected pharmacy and selected medication, with directions and number of units, ready for authorization, in accordance with certain embodiments;

Figure 28 depicts a viewing region component supporting creating a prior authorization request form for FORMULARY override for a new prescription, in accordance with certain embodiments;

- 20 Figure 29 depicts a viewing region component supporting a prescription InBox Monitor of prescribing practitioners for use in health management and pharmacies, in accordance with certain embodiments;

Figure 30 depicts a viewing region component supporting a pharmacy prescription lookup, in accordance with certain embodiments;

- 25 Figure 31 depicts a viewing region component supporting a pharmacy prescription lookup response, in accordance with certain embodiments;

Figure 32 depicts a viewing region component including a group monitor for prescriptions and referrals for a covering group with a New Referral link, in accordance with certain embodiments;

Figure 33 depicts a viewing region component supporting selecting the patient for the new referral, in accordance with certain embodiments;

Figure 34 depicts a viewing region component supporting selecting the department-referral type of the new referral for the selected patient, in accordance with certain embodiments;

Figure 35 depicts a viewing region component supporting pre-requisite check-off given the department-referral type of the new referral for the selected patient, in accordance with certain embodiments;

Figure 36 depicts a viewing region component supporting a consultant approval queue for referral requests, in accordance with certain embodiments;

Figure 37 depicts a viewing region component supporting a referral request form with pre-requisite check-off given the department-referral type of the new referral for the selected patient, in accordance with certain embodiments;

Figure 38 depicts a viewing region component supporting an appointment center queue for referral requests, in accordance with certain embodiments;

Figure 39 depicts a viewing region component supporting an appointment request from a consulting medical practitioner with the department-referral type of the new referral for the selected patient, in accordance with certain embodiments;

Figure 40 depicts a viewing region component supporting a consultant approval queue for referral requests, in accordance with certain embodiments;

Figure 41 depicts a viewing region component supporting a referral pending appointment with consulting medical practitioner form, showing the department-referral type, prerequisite check-off list of the referral for the selected patient, in accordance with certain embodiments;



Figure 42 depicts a viewing region component supporting a referral inbox based upon a referral group monitor, in accordance with certain embodiments;

Figure 43 depicts a viewing region component supporting a consultant encounter report with the department-referral type for the selected patient, and the results of the encounter, in accordance with certain embodiments;

Figure 44 depicts a viewing region component supporting a referral results summary based upon a referral group monitor, in accordance with certain embodiments;

Figure 45 depicts a viewing region component supporting referral lookup, in accordance with certain embodiments;

Figure 46 depicts a viewing region component supporting viewing a patient referral history, in accordance with certain embodiments;

Figure 47 depicts a viewing region component supporting viewing a consultant encounter report referenced by a selecting a link of the patient referral history of Figure 46, in accordance with certain embodiments;

Figure 48 depicts a viewing region component supporting a referral volume report generator, in accordance with certain embodiments;

Figure 49 depicts a viewing region component supporting a referral volume report resulting from the parameterization of the referral volume report generator associated with Figure 48, in accordance with certain embodiments;

Figure 50 depicts a viewing region component supporting a referral time lapse report generator, in accordance with certain embodiments;

Figure 51 depicts a viewing region component supporting a referral time lapse report resulting from the parameterization of the referral time lapse report generator associated with Figure 50, in accordance with certain embodiments;

Figure 52 depicts a viewing region component supporting a referral time lapse report detail resulting from the selecting an underlined entry in the table of Figure 51, in accordance with certain embodiments;

Figure 53 depicts a viewing region component supporting a referral pending appointment with consultant form, in accordance with certain embodiments;

Figure 54 depicts a viewing region component supporting a referral report selector, in accordance with certain embodiments;

- 5 Figure 55 depicts a viewing region component supporting a referral report on OBG consultations by medical indication selected from the referral report selector of Figure 54, in accordance with certain embodiments;

Figure 56 depicts a viewing region component supporting a referral report on OBG consultations by length of wait for consultation selected from the referral report  
10 selector of Figure 54, in accordance with certain embodiments;

Figure 57 depicts a viewing region component supporting a referral report on the number of referrals by medical practitioner/department selected from the referral report selector of Figure 54, in accordance with certain embodiments;

- Figure 58A depicts a detail flowchart of user operation 2032 of Figure 5A further  
15 performing selecting the first request responses of the request detail report for the first summary of the first summary component to create a preliminary request response of the first summary of the first summary component in accordance with certain embodiments; and

Figure 58B depicts a detail flowchart of user operation 2012 of Figure 4 performing  
20 perceiving the request detail report for the first summary of the request summary collection contained in the request list component for the second covering group member containing at least one request report comprising the requestor name, the requested item, the request response list containing at least two request responses in accordance with certain embodiments.

25 Detailed Description of the Invention

As used herein a computer system comprises at least one computer accessibly coupled to a computer memory. In certain embodiments, a computer system comprises at least two computers, each with separate accessibly coupled computer

memories. In certain embodiments, a computer system comprises at least two computers, each sharing an accessibly coupled computer memory.

As used herein, accessibly coupled computer memory includes at least a non-volatile memory. The non-volatile memory may be comprised of more than one non-volatile memory component. Access to a non-volatile memory component may be further organized about a file management system. Accessibly coupled memory may further include a volatile memory. Volatile memory may be comprised of more than one volatile memory component. Volatile memory components may include but are not limited to static RAM and various forms of Dynamic RAM. Access to a volatile memory component may be further organized as a cache memory interface to an often larger and slower memory component, which may be either volatile or non-volatile. The cache memory interface may be further multi-leveled, where successive levels of the cache memory incorporate a slower memory transfer rate to (an often) larger amount of memory.

As used herein, computer refers to an instruction-processing computer, an inference engine or an analog computer. An instruction-processing computer as used herein refers to either a Single Instruction Single Datapath (SISD) computer, Single Instruction Multiple Datapath (SIMD) computer, Multiple Instruction Single Datapath (MISD) computer, or a Multiple Instruction Multiple Datapath (MIMD) computer. Examples of SISD computers include microprocessors. Microprocessors as used herein, include but are not limited to super-scalar microprocessors, which concurrently execute components of several successive instructions of a single instruction stream involving a single datapath. Instruction processing mechanisms include but are not limited to native code execution mechanisms such as found in a 80x086 microprocessor, byte code interpreters such as JAVA and MPEG 4 use, threaded execution structures such as FORTH and Postscript use, or combinations of the above.

As used herein, inference engines operate upon a fact based and an inference rule collection. Execution of inference engines may be based upon unification processes, constraint satisfaction mechanisms and neural network threshold-stimuli mechanisms. Instructions as used herein for such inference engines would include the facts and inference rules presented to the inference engine.

As used herein, the term computer will further refer to information access, communication and analysis tools employing at least one computer in their internal operations. Such computers include but are not limited to desk top computers, portable, notebook and handheld computers, personal digital assistants and  
5 telephones with built-in messaging and/or browsing capabilities. Note that telephones may be either wireline or wireless.

Web browsers are software tools that have been in widespread use since the early 1990's. Most popular tools of this kind, including Microsoft's Internet Explorer™ and Netscape's Navigator™, support what is known as plug-ins. These plug-ins provide  
10 the ability to significantly extend the software linked to the browser, often providing additional file format capabilities (JPEG, MPEG and MP3 readers-players, for example).

Most popular tools of this kind also include the ability to execute a variety of interpreted computer languages include HTML (Hyper Text Markup Language) and  
15 JAVA™. Further note that JAVA possesses a complete windowing object class, so that entire applications could be written in JAVA and run on essentially any computer supporting a web browser with a JAVA execution engine.

Based upon these observations, embodiments assume operating platforms including but not limited to browsers, meaning a software tool executing on at least  
20 a user operated computer supporting plug-ins and the execution of languages such as JAVA. Certain embodiments will further use a browser capable of communication with other computers.

As used herein a thin client application is an embodiment assuming operating platforms such as a browser, meaning a software tool executing on at least a user  
25 operated computer supporting plug-ins and the execution of languages such as JAVA. It may further utilize communication with other computers in performing the tasks involving the relevant embodiments.

As used herein networks include but are not limited communicative couplings of computers employing wireline and/or wireless physical transport layers. In certain  
30 further embodiments, communications between computers communicatively coupled to a network may further employ a messaging protocol. In certain further

embodiments, network communications between computers communicatively coupled employ a messaging protocol compatible with TCP-IP. In certain further embodiments, network communications between computers communicatively coupled employ messaging protocols compatible with Internet.

5 Certain embodiments include a method for a first covering group member belonging to a covering group using a request list containing a request list component for each of the covering group members. The covering group contains at least two covering group members. Each of the request list components further contains a request summary collection containing at least a past-due request summary and a  
10 immediately-due request summary.

Figure 1 depicts a viewing region including a group monitor for prescriptions for a covering group, in accordance with certain embodiments.

Region **1000** includes a designation of the covering group being viewed. The column header **1002** is "InBox For", which indicates that for each successive row,  
15 this column entry will identify the medical practitioner responsible for that row's request summary. The column header **1004** is "Immediates", which indicates that for each successive row, this column entry will identify number of prescription requests for that row's request summary which are due currently. The column header **1006** is "Days Late", which indicates that for each successive row, this  
20 column entry will identify the number of days past due of the oldest prescription request in the Immediate request queue for that row's request summary. The column header **1008** is "Futures", which indicates that for each successive row, this column entry will identify the number of request responses not yet due for that row's request summary, known as futures.

25 The line starting with "Smith, William" **1010** in the "InBox For" column designates that this request summary line is for William Smith. The bolding of the lettering indicates that the result summary list for William Smith has been selected. The number "5" further labeled **1012** indicates that there are 5 request responses currently due for William Smith. The number "2" further labeled **1014** indicates that  
30 there are 2 request responses past due for William Smith. The number "51" further

labeled **1016** indicates that there are 51 request responses due in the future for William Smith.

The line starting with "Doctor, Joe" **1020** in the "InBox For" column designates that this request summary line is for Joe Doctor. The line starting with "Surgeon, Frank" **1022** in the "InBox For" column designates that this request summary line is for Frank Surgeon. The line starting with "OBG, Louis" **1024** in the "InBox For" column designates that this request summary line is for Louis OBG. The line starting with "Welby, John" **1026** in the "InBox For" column designates that this request summary line is for John Welby.

Note that the user has selected the first line of the request summary table, referring to William Smith. By selecting the "Immediates" heading, the region **1030** displays "Rx InBox for: Smith, William W (Immediates)". The request details which follow below region **1030** are from the immediately pending, or currently due, response requests.

The first response request is for "PATIENT, SUSIE K.", labeled **1040**, whose primary care provider is Smith, labeled **1042**. The medication is "CIPRO 500 MCG TABLET" labeled **1044**, with a prescribed quantity of 10 units labeled **1046**. The directions **1048** are "TAKE 1 TABLET 2 TIMES A DAY FOR 5 DAYS". The prescription was filled "2/11/99", labeled **1050**. Label **1052** indicates a link to change and/or examine the details of the prescription. Label **1054** indicates that this response request was forwarded from "YUN, SMITH MD RESIDENT OF FAMILY PRACTICE". Label **1058** indicates a pull-down menu to select a request response from a response list.

The second response request is for "PERSON, MARK S", labeled **1060**, whose primary care provider is Smith, labeled **1062**. The medication is "BECLOVENT INHALER" labeled **1064**, with a prescribed quantity of 16.8 units labeled **1066**. The directions **1068** are "INHALE 2 PUFFS 2 TIMES DAILY, RINSE MOUTH AFTER USE (GENERIC FOR VANCERIL)". The prescription was filled "2/13/99", labeled **1070**. Label **1072** indicates a link to change and/or examine the details of the prescription.

Link **1080** indicates how to select creating a new prescription, in certain further embodiments.

In certain further embodiments, selecting a patient's name may act as a link to the patient's medical database. In certain further embodiments, selecting a medical practitioner's name may act as a link to the practitioner's email. In certain further embodiments, selecting a medication label may act as a link to the medication database.

Figure 2 depicts a viewing region including a group monitor for prescriptions and referrals for a covering group, in accordance with certain embodiments.

Region **1090** designates a prescription group monitor being viewed. The column header **1002** is "InBox For", which indicates that for each successive row, this column entry will identify the medical practitioner responsible for that row's request summary. The column header **1004** is "Immediates", which indicates that for each successive row, this column entry will identify number of prescription requests for that row's request summary which are due currently. The column header **1006** is "Days Late", which indicates that for each successive row, this column entry will identify the number of days past due of the oldest prescription request in the Immediate request queue for that row's request summary. The column header **1008** is "Futures", which indicates that for each successive row, this column entry will identify the number of request responses not yet due for that row's request summary, known as futures.

Region **1200** designates a referral group monitor being viewed. The column header **1202** is "Action Items", which indicates that for each successive row, this column entry will identify number of referral requests for that row's request summary which are due currently. The column header **1204** is "Days Late", which indicates that for each successive row, this column entry will identify the number of action item responses which are past due for that row's request summary. The column header **1206** is "Encounter Results", which indicates that for each successive row, this column entry will identify the number of encounter result reports available for review for that row's request summary.

The line starting with "Welby, John" **1100** in the "InBox For" column designates that this request summary line is for William Smith. The bolding of the lettering indicates that the result summary list for William Smith has been selected. The number "3" further labeled **1102** indicates that there are 3 request responses currently due for William Smith. The number "0" further labeled **1104** indicates that all immediate response requests are current for William Smith. The number "11" further labeled **1106** indicates that there are 11 request responses due in the future for John Welby. The number "3" further labeled **1108** indicates that there are 3 referral requests currently due for William Smith. The number "0" further labeled **1110** indicates that there are 0 request responses past due for William Smith. The number "2" further labeled **1112** indicates that there are 2 encounter reports ready for review by John Welby.

Item **1210** entitled "Create a New Referral" is a link to creating a new referral.

The first response request is for "PATIENT, KENNETH K.", labeled **1140**, whose primary care provider is WELBY, labeled **1142**. The medication is "DOXEPHIN HCL CAP 10 MG" labeled **1144**, with a prescribed quantity of 60 units labeled **1146**. The directions **1148** are "TAKE 1 TABLET 2 TIMES A DAY". The prescription was filled "12/11/98", labeled **1050**. Label **1054** indicates that this response request was forwarded from "YUN, SMITH MD RESIDENT OF FAMILY PRACTICE".

Label **1052** indicates collection of responses which can be quickly made. The 1, 2, 3, 4 bubbles can be selected, which would indicate 1, 2, 3 or 4, respectively, refills were authorized. Selecting the bubbles associated with "1 yr" and "2 yr" indicate that refills were authorized for the respective time duration. Selecting the bubble next to "PCP" forwards the prescription refill request to the primary care provider. Selecting the bubble next to "Hold" sends a Hold message to the pharmacy, indicating that there thought or review will be shortly given to this request before authorization. Selecting the "Med" opens the patient's medication history. Selecting the "Appt." opens the patient's appointment history. Selecting the "Chg Rx" opens the window for changing the prescription.

Figure 3 depicts a viewing region including a group monitor for prescriptions and referrals for a covering group, in accordance with certain embodiments.



Region **1090** designates a prescription group monitor being viewed. The column header **1002** is "InBox For", which indicates that for each successive row, this column entry will identify the medical practitioner responsible for that row's request summary. The column header **1004** is "Immediates", which indicates that for each successive row, this column entry will identify number of prescription requests for that row's request summary which are due currently. The column header **1006** is "Days Late", which indicates that for each successive row, this column entry will identify the number of days past due of the oldest prescription request in the Immediate request queue for that row's request summary. The column header **1008** is "Futures", which indicates that for each successive row, this column entry will identify the number of request responses not yet due for that row's request summary, known as futures.

Region **1300** designates a lab test group monitor being viewed. The column header **1302** is "Action Items", which indicates that for each successive row, this column entry will identify number of referral requests for that row's request summary which are due currently. The column header **1304** is "Days Late", which indicates that for each successive row, this column entry will identify the number of days late the oldest action item is in the action item requests for that row's request summary. The column header **1306** is "Lab Results", which indicates that for each successive row, this column entry will identify the number of lab result reports available for review for that row's request summary.

The line starting with "Welby, John" **1100** in the "InBox For" column designates that this request summary line is for William Smith. The bolding of the lettering indicates that the result summary list for William Smith has been selected. The number "3" further labeled **1102** indicates that there are 3 request responses currently due for William Smith. The number "0" further labeled **1104** indicates that all immediate response requests are current for William Smith. The number "11" further labeled **1106** indicates that there are 11 request responses due in the future for John Welby.

The number "3" further labeled **1310** indicates that there are 3 lab test requests currently due for William Smith. The number "0" further labeled **1312** indicates that

all action items are current for William Smith. The number "2" further labeled **1112** indicates that there are 2 lab reports ready for review by John Welby.

Figure 4 depicts a usage flowchart performing a method for the first covering group member belonging to the covering group using the request list contains the request list component for each covering group member, in accordance with using certain usage embodiments.

User operation **2000** starts the usage of this flowchart. Arrow **2002** directs the usage flow from user operation **2000** to user operation **2004**. User operation **2004** performs selecting a second of the covering group members belonging to the covering group. Arrow **2006** directs usage from user operation **2004** to user operation **2008**. User operation **2008** performs selecting a first of the summaries of the request summary collection contained in the request list component for the second covering group member. Arrow **2010** directs usage from user operation **2008** to user operation **2012**. User operation **2012** performs perceiving a request detail report for the first summary of the request summary collection contained in the request list component for the second covering group member containing at least one request report comprising a requestor name, a requested item, a request response list containing at least two request responses. Arrow **2014** directs usage from user operation **2012** to user operation **2016**. User operation **2016** terminates the usage of this flowchart.

Certain embodiments include a method of operating a computer system by a first covering group member belonging to a covering group interacting with a request list.

Figure 4 also depicts a flowchart performing a method of operating a computer system by a first covering group member belonging to a covering group interacting with a request list in accordance with certain operational embodiments.

Figure **5A** depicts a detail flowchart of user operation **2000** of Figure 4 further performing a method for the first covering group member belonging to the covering group using the request list containing the request list component for each covering group member, in accordance with certain embodiments.

Arrow **2030** directs the usage flow from starting user operation **2000** to user operation **2032**. User operation **2032** performs selecting a first of the request responses of the request detail report for the first summary of the first summary component to create a preliminary request response of the first summary of the first summary component. Arrow **2034** directs usage from user operation **2032** to user operation **2036**. User operation **2036** terminates the usage of this flowchart.

Figure **5A** also depicts a detail flowchart of operation **2000** of Figure **4** further performing a method of operating a computer system by a first covering group member belonging to a covering group interacting with a request list in accordance with certain operational embodiments.

Figure **5B** depicts a detail flowchart of user operation **2000** of Figure **4** further performing a method for the first covering group member belonging to the covering group using the request list containing the request list component for each covering group member in accordance with certain embodiments.

Arrow **2050** directs the usage flow from starting user operation **2000** to user operation **2052**. User operation **2052** performs selecting to send at least one of the preliminary request responses. Arrow **2054** directs usage from user operation **2052** to user operation **2056**. User operation **2056** terminates the usage of this flowchart.

Figure **5B** also depicts a detail flowchart of operation **2000** of Figure **4** further performing a method of operating a computer system by a first covering group member belonging to a covering group interacting with a request list in accordance with certain operational embodiments.

Figure **5C** depicts a detail flowchart of user operation **2052** of Figure **5B** performing selecting to send at least all of the preliminary request responses of the first summary component in accordance with certain embodiments.

Arrow **2070** directs the usage flow from starting user operation **2052** to user operation **2072**. User operation **2072** performs selecting to send at least all of the preliminary request responses of the first summary component. Arrow **2074** directs usage from user operation **2072** to user operation **2076**. User operation **2076** terminates the usage of this flowchart.

Figure **5C** also depicts a detail flowchart of operation **2052** of Figure **5B** performing selecting to send at least all of the preliminary request responses of the first summary component in accordance with certain operational embodiments.

Figure **6A** depicts a detail flowchart of user operation **2052** of Figure **5B** performing selecting to send at least all of the preliminary request responses in accordance with certain embodiments.

Arrow **2090** directs the usage flow from starting user operation **2052** to user operation **2092**. User operation **2092** performs selecting to send at least all of the preliminary request responses. Arrow **2094** directs usage from user operation **2092** to user operation **2096**. User operation **2096** terminates the usage of this flowchart.

Figure **6A** also depicts a detail flowchart of operation **2052** of Figure **5B** performing selecting to send at least all of the preliminary request responses in accordance with certain operational embodiments.

Figure **6B** depicts a detail flowchart of user operation **2032** of Figure **5A** performing selecting to create a view of medication history response in accordance with certain embodiments.

Arrow **2110** directs the usage flow from starting user operation **2032** to user operation **2112**. User operation **2112** performs selecting to create a view of medication history response. Arrow **2114** directs usage from user operation **2112** to user operation **2116**. User operation **2116** terminates the usage of this flowchart.

Figure **6B** also depicts a detail flowchart of operation **2032** of Figure **5A** performing selecting to create a view of medication history response in accordance with certain operational embodiments.

Figure **6C** depicts a detail flowchart of user operation **2032** of Figure **5A** performing selecting to create a view of appointment history response in accordance with certain embodiments.

Arrow **2130** directs the usage flow from starting user operation **2032** to user operation **2132**. User operation **2132** performs selecting to create a view of

appointment history response. Arrow **2134** directs usage from user operation **2132** to user operation **2136**. User operation **2136** terminates the usage of this flowchart.

Figure **6C** also depicts a detail flowchart of operation **2032** of Figure **5A** performing selecting to create a view of appointment history response in accordance with certain operational embodiments.

Figure **7A** depicts a detail flowchart of user operation **2032** of Figure **5A** performing selecting to create a change prescription response in accordance with certain embodiments.

Arrow **2150** directs the usage flow from starting user operation **2032** to user operation **2152**. User operation **2152** performs selecting to create a change prescription response. Arrow **2154** directs usage from user operation **2152** to user operation **2156**. User operation **2156** terminates the usage of this flowchart.

Figure **7A** also depicts a detail flowchart of operation **2032** of Figure **5A** performing selecting to create a change prescription response in accordance with certain operational embodiments.

Figure **7B** depicts a detail flowchart of user operation **2032** of Figure **5A** performing selecting to create a hold prescription response in accordance with certain embodiments.

Arrow **2170** directs the usage flow from starting user operation **2032** to user operation **2172**. User operation **2172** performs selecting to create a hold prescription response. Arrow **2174** directs usage from user operation **2172** to user operation **2176**. User operation **2176** terminates the usage of this flowchart.

Figure **7B** also depicts a detail flowchart of operation **2032** of Figure **5A** performing selecting to create a hold prescription response in accordance with certain operational embodiments.

Figure **7C** depicts a detail flowchart of user operation **2032** of Figure **5A** performing selecting to create a view pharmacy message response in accordance with certain embodiments.

Arrow **2190** directs the usage flow from starting user operation **2032** to user operation **2192**. User operation **2192** performs selecting to create a view pharmacy message response. Arrow **2194** directs usage from user operation **2192** to user operation **2196**. User operation **2196** terminates the usage of this flowchart.

- 5 Figure **7C** also depicts a detail flowchart of operation **2032** of Figure **5A** performing selecting to create a view pharmacy message response in accordance with certain operational embodiments.

Figure **8A** depicts a detail flowchart of user operation **2032** of Figure **5A** performing selecting to create a forward to primary care provider response in accordance with  
10 certain embodiments.

Arrow **2210** directs the usage flow from starting user operation **2032** to user operation **2212**. User operation **2212** performs selecting to create a forward to primary care provider response. Arrow **2214** directs usage from user operation **2212** to user operation **2216**. User operation **2216** terminates the usage of this  
15 flowchart.

Figure **8A** also depicts a detail flowchart of operation **2032** of Figure **5A** performing selecting to create a forward to primary care provider response in accordance with certain operational embodiments.

Figure **8B** depicts a detail flowchart of user operation **2032** of Figure **5A** performing  
20 selecting to create a fill prescription response in accordance with certain embodiments.

Arrow **2230** directs the usage flow from starting user operation **2032** to user operation **2232**. User operation **2232** performs selecting to create a fill prescription response. Arrow **2234** directs usage from user operation **2232** to user operation  
25 **2236**. User operation **2236** terminates the usage of this flowchart.

Figure **8B** also depicts a detail flowchart of operation **2032** of Figure **5A** performing selecting to create a fill prescription response in accordance with certain operational embodiments.

Figure **8C** depicts a detail flowchart of user operation **2232** of Figure **8B** performing selecting to fill the prescription response in terms of units in accordance with certain embodiments.

Arrow **2250** directs the usage flow from starting user operation **2232** to user operation **2252**. User operation **2252** performs selecting to fill the prescription response in terms of units. Arrow **2254** directs usage from user operation **2252** to user operation **2256**. User operation **2256** terminates the usage of this flowchart.

Figure **8C** also depicts a detail flowchart of operation **2232** of Figure **8B** performing selecting to fill the prescription response in terms of units in accordance with certain operational embodiments.

Figure **9A** depicts a detail flowchart of user operation **2252** of Figure **8C** performing selecting to fill the prescription response in terms of one unit of the prescription in accordance with certain embodiments.

Arrow **2270** directs the usage flow from starting user operation **2252** to user operation **2272**. User operation **2272** performs selecting to fill the prescription response in terms of one unit of the prescription. Arrow **2274** directs usage from user operation **2272** to user operation **2276**. User operation **2276** terminates the usage of this flowchart.

Figure **9A** also depicts a detail flowchart of operation **2252** of Figure **8C** performing selecting to fill the prescription response in terms of one unit of the prescription in accordance with certain operational embodiments.

Figure **9B** depicts a detail flowchart of user operation **2252** of Figure **8C** performing selecting to fill the prescription response in terms of at least two units of the prescription in accordance with certain embodiments.

Arrow **2290** directs the usage flow from starting user operation **2252** to user operation **2292**. User operation **2292** performs selecting to fill the prescription response in terms of at least two units of the prescription. Arrow **2294** directs usage from user operation **2292** to user operation **2296**. User operation **2296** terminates the usage of this flowchart.

Figure **9B** also depicts a detail flowchart of operation **2252** of Figure **8C** performing selecting to fill the prescription response in terms of at least two units of the prescription in accordance with certain operational embodiments.

Figure **10A** depicts a detail flowchart of user operation **2232** of Figure **8B** performing selecting to fill the fill prescription response in terms of time duration in accordance with certain embodiments.

Arrow **2310** directs the usage flow from starting user operation **2232** to user operation **2312**. User operation **2312** performs selecting to fill the fill prescription response in terms of time duration. Arrow **2314** directs usage from user operation **2312** to user operation **2316**. User operation **2316** terminates the usage of this flowchart.

Figure **10A** also depicts a detail flowchart of operation **2232** of Figure **8B** performing selecting to fill the fill prescription response in terms of time duration in accordance with certain operational embodiments.

Figure **10B** depicts a detail flowchart of user operation **2000** of Figure **4** further performing a method for the first covering group member belonging to the covering group of using the request list containing the request list component for each covering group member in accordance with certain embodiments, in accordance with certain embodiments.

Arrow **2330** directs the usage flow from starting user operation **2000** to user operation **2332**. User operation **2332** performs selecting to create a new prescription. Arrow **2334** directs usage from user operation **2332** to user operation **2336**. User operation **2336** terminates the usage of this flowchart.

Figure **10B** also depicts a detail flowchart of operation **2000** of Figure **4** performing a method of operating a computer system by a first covering group member belonging to a covering group interacting with a request list in accordance with certain operational embodiments.

Figure **11** depicts a detail flowchart of user operation **2332** of Figure **10B** further performing selecting to create the new prescription in accordance with certain embodiments.



Arrow **2350** directs the usage flow from starting user operation **2332** to user operation **2352**. User operation **2352** performs selecting a patient identifier associated with the new prescription to create a patient with the new prescription. Arrow **2354** directs usage from user operation **2352** to user operation **2356**. User operation **2356** terminates the usage of this flowchart.

Arrow **2360** directs the usage flow from user operation **2332** to user operation **2362**. User operation **2362** performs selecting a medication associated with the new prescription to create a medication with the new prescription. Arrow **2364** directs usage from user operation **2362** to user operation **10B**. User operation **10B** terminates the usage of this operational flowchart.

Arrow **2370** directs the usage flow from user operation **2332** to user operation **2372**. User operation **2372** performs selecting a dosage associated with the new prescription to create a dosage with the new prescription. Arrow **2374** directs usage from user operation **2372** to user operation **10B**. User operation **10B** terminates the usage of this flowchart.

Arrow **2380** directs the usage flow from user operation **2332** to user operation **2382**. User operation **2382** performs selecting a prescription unit number associated with the new prescription to create a number of units with the new prescription. Arrow **2384** directs usage from user operation **2382** to user operation **10B**. User operation **10B** terminates the usage of this flowchart.

Arrow **2390** directs the usage flow from user operation **2332** to user operation **2392**. User operation **2392** performs selecting a prescription direction associated with the new prescription to create a direction with the new prescription. Arrow **2394** directs usage from user operation **2392** to user operation **10B**. User operation **10B** terminates the usage of this flowchart.

Arrow **2400** directs the usage flow from user operation **2332** to user operation **2402**. User operation **2402** performs selecting a pharmacy for filling the prescription to create a filling pharmacy for the new prescription. Arrow **2404** directs usage from user operation **2402** to user operation **10B**. User operation **10B** terminates the usage of this flowchart.

Arrow **2410** directs the usage flow from user operation **2332** to user operation **2412**. User operation **2412** performs authorizing the new prescription with the patient identifier, with the medication, with the dosage, with the number of units, with the direction at the filling pharmacy. Arrow **2414** directs usage from user operation **2412** to user operation **10B**. User operation **10B** terminates the usage of this flowchart.

Figure **11** also depicts a detail flowchart of operation **2332** of Figure **10B** further performing selecting to create the new prescription in accordance with certain operational embodiments.

Figure **12A** depicts a detail flowchart of user operation **2352** of Figure **11** performing selecting a patient identifier associated with the new prescription to create a patient with the new prescription in accordance with certain embodiments.

Arrow **2430** directs the usage flow from starting user operation **2352** to user operation **2432**. User operation **2432** performs perceiving a patient identifier list containing at least one patient identifier. Arrow **2434** directs usage from user operation **2432** to user operation **2436**. User operation **2436** performs selecting a first of the patient identifiers of the patient identifier list to create the patient with the new prescription. Arrow **2438** directs usage from user operation **2436** to user operation **2440**. User operation **2440** terminates the usage of this flowchart.

Figure **12A** also depicts a detail flowchart of operation **2352** of Figure **11** further performing selecting the patient identifier associated with the new prescription to create a patient with the new prescription in accordance with certain operational embodiments.

Figure **12B** depicts a detail flowchart of user operation **2362** of Figure **11** performing selecting the medication associated with the new prescription to create the medication with the new prescription in accordance with certain embodiments.

Arrow **2450** directs the usage flow from starting user operation **2362** to user operation **2452**. User operation **2452** performs perceiving a medication list containing at least two medications. Arrow **2454** directs usage from user operation **2452** to user operation **2456**. User operation **2456** performs selecting a first of the

medications of the medication list to create the medication with the new prescription. Arrow **2458** directs usage from user operation **2456** to user operation **2460**. User operation **2460** terminates the usage of this flowchart.

Figure **12B** also depicts a detail flowchart of operation **2362** of Figure **11** further performing selecting the medication associated with the new prescription to create the medication with the new prescription in accordance with certain operational embodiments.

Figure **13A** depicts a detail flowchart of user operation **2372** of Figure **11** performing selecting the dosage associated with the new prescription to create the dosage with the new prescription in accordance with certain embodiments.

Arrow **2470** directs the usage flow from starting user operation **2372** to user operation **2472**. User operation **2472** performs perceiving a dosage list containing at least one dosage. Arrow **2474** directs usage from user operation **2472** to user operation **2476**. User operation **2476** performs selecting a first of the dosages of the dosage list to create the dosage with the new prescription. Arrow **2478** directs usage from user operation **2476** to user operation **2480**. User operation **2480** terminates the usage of this flowchart.

Figure **13A** also depicts a detail flowchart of operation **2372** of Figure **11** further performing selecting the dosage associated with the new prescription to create the dosage with the new prescription in accordance with certain operational embodiments.

Figure **13B** depicts a detail flowchart of user operation **2362** of Figure **11** performing selecting a prescription unit number associated with the new prescription to create a number of units with the new prescription in accordance with certain embodiments.

Arrow **2510** directs the usage flow from starting user operation **2362** to user operation **2512**. User operation **2512** performs perceiving a number of units list containing at least one number of units. Arrow **2514** directs usage from user operation **2512** to user operation **2516**. User operation **2516** performs selecting a first of the number of units of the number of units list to create the number of units

with the new prescription. Arrow **2518** directs usage from user operation **2516** to user operation **2520**. User operation **2520** terminates the usage of this flowchart.

Figure **13B** also depicts a detail flowchart of operation **2362** of Figure **11** further performing selecting a prescription unit number associated with the new prescription to create a number of units with the new prescription in accordance with certain operational embodiments.

Figure **14A** depicts a detail flowchart of user operation **2392** of Figure **14A** performing selecting a prescription direction associated with the new prescription to create a direction with the new prescription in accordance with certain embodiments.

Arrow **2530** directs the usage flow from starting user operation **2392** to user operation **2532**. User operation **2532** performs perceiving a direction list containing at least one direction. Arrow **2534** directs usage from user operation **2532** to user operation **2536**. User operation **2536** performs selecting a first of the directions of the direction list to create the direction with the new prescription. Arrow **2538** directs usage from user operation **2536** to user operation **2540**. User operation **2540** terminates the usage of this flowchart.

Figure **14A** also depicts a detail flowchart of operation **2392** of Figure **14A** further performing selecting a prescription direction associated with the new prescription to create a direction with the new prescription in accordance with certain operational embodiments.

Figure **14B** depicts a detail flowchart of user operation **2402** of Figure **11** performing selecting a pharmacy for filling the prescription to create a filling pharmacy for the new prescription in accordance with certain embodiments.

Arrow **2550** directs the usage flow from starting user operation **2402** to user operation **2552**. User operation **2552** performs perceiving a pharmacy list containing at least one pharmacy. Arrow **2554** directs usage from user operation **2552** to user operation **2556**. User operation **2556** performs selecting a first of the pharmacies of the pharmacy list to create the pharmacy with the new prescription.

Arrow **2558** directs usage from user operation **2556** to user operation **2560**. User operation **2560** terminates the usage of this flowchart.

Figure **14B** depicts a detail flowchart of operation **2402** of Figure **11** further performing selecting a pharmacy for filling the prescription to create a filling pharmacy for the new prescription in accordance with certain operational  
5 embodiments.

Figure **15A** depicts a detail flowchart of user operation **2412** of Figure **11** performing sending the new prescription with the patient identifier, with the medication, with the dosage, the number of units and with the direction to the filling pharmacy in  
10 accordance with certain embodiments.

Arrow **2570** directs the usage flow from starting user operation **2412** to user operation **2572**. User operation **2572** performs sending the new prescription with the patient identifier, with the medication, with the dosage, with the number of units, with the direction to the filling pharmacy. Arrow **2574** directs usage from user  
15 operation **2572** to user operation **2576**. User operation **2576** terminates the usage of this flowchart.

Figure **15A** also depicts a detail flowchart of operation **2412** of Figure **11** performing sending the new prescription with the patient identifier, with the medication, with the dosage, the number of units and with the direction to the filling pharmacy in  
20 accordance with certain operational embodiments.

Figure **15B** depicts a detail flowchart of user operation **2412** of Figure **11** performing sending the new prescription with the patient identifier, with the medication, with the dosage, with the number of units and with the direction at the filling pharmacy to a physician in accordance with certain embodiments.

Arrow **2590** directs the usage flow from starting user operation **2412** to user operation **2592**. User operation **2592** performs sending the new prescription with the patient identifier, with the medication, with the dosage, with the number of units, with the direction at the filling pharmacy to a physician. Arrow **2594** directs usage from user operation **2592** to user operation **2596**. User operation **2596** terminates  
30 the usage of this flowchart.

Figure **15B** also depicts a detail flowchart of operation **2412** of Figure **11** performing sending the new prescription with the patient identifier, with the medication, with the dosage, with the number of units and with the direction at the filling pharmacy to a physician in accordance with certain operational embodiments.

- 5 Figure **16** depicts a system block diagram for a computing system supporting the first covering group member interacting with a request list containing a request list component for each of the covering group members of the covering group.

In certain embodiments, the computing system comprises a computer **3120** operated **3110** by group member **3100** with accessibly coupled **3130** computer  
10 memory **3140** containing at least part of a program operating system executing within a browser operational platform **3160** supporting the first group member interaction.

In certain further embodiments, the computing system comprises a second computer **3220** operated **3210** by client **3200** with accessibly coupled **3230**  
15 computer memory **3240** containing at least part of a program operating system executing within a browser operational platform **3260** supporting the first group member interaction. Computer **3120** is communicatively coupled to computer **3220** via network **3330**.

In certain further embodiments, the client **3220** may be someone working at a  
20 pharmacy. In certain other further embodiments, the client **3220** may be another group member. In certain other further embodiments, the client **3220** may be someone working at a on a care providers staff. In certain other further embodiments, the client **3220** may be a health care manager. In certain other further embodiments, the client **3220** may be someone working at a medical  
25 laboratory. In certain other further embodiments, the client **3220** may be a health care administrator. In certain other further embodiments, the client **3220** may be someone scheduling appointments for one or more members of the covering group.

In certain further embodiments, network **3330** is communicatively coupled **3310** to server system **3300**. Server system **3300** contains **3360** at least one server  
30 computer **3320**, which is accessibly coupled **3330** to computer memory **3340**. In certain further embodiments, computer memory **3340** contains program code

segments as part of the system level program operating system **3360** supporting the first covering group member interaction with the request list. In certain further embodiments, the program operating system program code segments are further organized for interaction in a fashion comparable to a web site **3360** as seen by the browser operational platform **3160** residing in the group member **3100** operated  
5 **3110** computer **3120**.

In certain further embodiments, server system **3300** generates the request list. In certain further embodiments, server system **3300** generates at least one of the request list components. In certain further embodiments, server system **3300**  
10 generates all request list components. In certain further embodiments, server system **3300** generates at least one of the request detail reports. In certain further embodiments, server system **3300** generates all request detail reports.

In certain further embodiments, server system **3300** generates the medication history for a selected patient by the first covering group member. In certain further  
15 embodiments, server system **3300** generates the appointment history for a selected patient by the first covering group member.

In certain further embodiments, server system **3300** generates a medication list for the first covering group member. In certain further embodiments, server system **3300** generates an annotated medication list for the first covering group member. In  
20 certain further embodiments, the annotated medication list contains insurer compliance annotations.

In certain further embodiments, server system **3300** communicates **3410** with database server **3400** to retrieve information to generate a medication list for the first covering group member. In certain further embodiments, server system **3300**  
25 communicates **3410** with database server **3400** to retrieve information to generate an annotated medication list for the first covering group member. In certain further embodiments, the annotated medication list contains insurer compliance annotations. In certain further embodiments, database server **3400** may in turn access **3430** database **3420**. In certain further embodiments, database server **3400**  
30 may in turn access **3430** several different databases **3420**. In certain further

embodiments, database **3420** may contain at least summary information provided by an insurer.

Figure **17** depicts a viewing region component supporting changing a prescription, in accordance with certain embodiments.

- 5     Figure **18** depicts a viewing region component supporting viewing a patient medical history, in accordance with certain embodiments.

Figure **19** depicts a viewing region component supporting viewing a patient appointment history, in accordance with certain embodiments.

- 10    Figure **20** depicts a viewing region component supporting starting a new prescription, in accordance with certain embodiments.

Figure **21** depicts a viewing region component supporting creating a new prescription by selecting a patient, in accordance with certain embodiments.

Figure **22** depicts a viewing region component supporting creating a new prescription showing the selected patient, in accordance with certain embodiments.

- 15    Figure **23** depicts a viewing region component supporting creating a new prescription by selecting a pharmacy, in accordance with certain embodiments.

Figure **24** depicts a viewing region component supporting creating a new prescription showing the selected patient and the selected pharmacy, in accordance with certain embodiments.

- 20    Figure **25** depicts a viewing region component supporting creating a new prescription by selecting a medication, in accordance with certain embodiments.

Figure **26** depicts a viewing region component supporting creating a new prescription showing the selected patient, the selected pharmacy and selected medication, in accordance with certain embodiments.

- 25    Figure **27** depicts a viewing region component supporting creating a new prescription showing the selected patient, the selected pharmacy and selected



medication, with directions and number of units, ready for authorization, in accordance with certain embodiments.

Figure 28 depicts a viewing region component supporting creating a prior authorization request form for FORMULARY override for a new prescription, in accordance with certain embodiments.

Figure 29 depicts a viewing region component supporting a prescription InBox Monitor of prescribing practitioners for use in health management and pharmacies, in accordance with certain embodiments.

Figure 30 depicts a viewing region component supporting a pharmacy prescription lookup, in accordance with certain embodiments.

Figure 31 depicts a viewing region component supporting a pharmacy prescription lookup response, in accordance with certain embodiments.

Figure 32 depicts a viewing region component including a group monitor for prescriptions and referrals for a covering group with a New Referral link, in accordance with certain embodiments.

Figure 33 depicts a viewing region component supporting selecting the patient for the new referral, in accordance with certain embodiments.

Figure 34 depicts a viewing region component supporting selecting the department-referral type of the new referral for the selected patient, in accordance with certain embodiments.

Figure 35 depicts a viewing region component supporting pre-requisite check-off given the department-referral type of the new referral for the selected patient, in accordance with certain embodiments.

Figure 36 depicts a viewing region component supporting a consultant approval queue for referral requests, in accordance with certain embodiments.

Figure 37 depicts a viewing region component supporting a referral request form with pre-requisite check-off given the department-referral type of the new referral for the selected patient, in accordance with certain embodiments.

Figure 38 depicts a viewing region component supporting an appointment center queue for referral requests, in accordance with certain embodiments.

Figure 39 depicts a viewing region component supporting an appointment request from a consulting medical practitioner with the department-referral type of the new referral for the selected patient, in accordance with certain embodiments.

Figure 40 depicts a viewing region component supporting a consultant approval queue for referral requests, in accordance with certain embodiments.

Figure 41 depicts a viewing region component supporting a referral pending appointment with consulting medical practitioner form, showing the department-referral type, prerequisite check-off list of the referral for the selected patient, in accordance with certain embodiments.

Figure 42 depicts a viewing region component supporting a referral inbox based upon a referral group monitor, in accordance with certain embodiments.

Figure 43 depicts a viewing region component supporting a consultant encounter report with the department-referral type for the selected patient, and the results of the encounter, in accordance with certain embodiments.

Figure 44 depicts a viewing region component supporting a referral results summary based upon a referral group monitor, in accordance with certain embodiments.

Figure 45 depicts a viewing region component supporting referral lookup, in accordance with certain embodiments.

Figure 46 depicts a viewing region component supporting viewing a patient referral history, in accordance with certain embodiments.

Figure 47 depicts a viewing region component supporting viewing a consultant encounter report referenced by a selecting a link of the patient referral history of Figure 46, in accordance with certain embodiments.

Figure 48 depicts a viewing region component supporting a referral volume report generator, in accordance with certain embodiments.

Figure 49 depicts a viewing region component supporting a referral volume report resulting from the parameterization of the referral volume report generator associated with Figure 48, in accordance with certain embodiments.

Figure 50 depicts a viewing region component supporting a referral time lapse report generator, in accordance with certain embodiments.

Figure 51 depicts a viewing region component supporting a referral time lapse report resulting from the parameterization of the referral time lapse report generator associated with Figure 50, in accordance with certain embodiments.

Figure 52 depicts a viewing region component supporting a referral time lapse report detail resulting from the selecting an underlined entry in the table of Figure 51, in accordance with certain embodiments.

Figure 53 depicts a viewing region component supporting a referral pending appointment with consultant form, in accordance with certain embodiments.

Figure 54 depicts a viewing region component supporting a referral report selector, in accordance with certain embodiments.

Figure 55 depicts a viewing region component supporting a referral report on OBG consultations by medical indication selected from the referral report selector of Figure 54, in accordance with certain embodiments.

Figure 56 depicts a viewing region component supporting a referral report on OBG consultations by length of wait for consultation selected from the referral report selector of Figure 54, in accordance with certain embodiments.

Figure 57 depicts a viewing region component supporting a referral report on the number of referrals by medical practitioner/department selected from the referral report selector of Figure 54, in accordance with certain embodiments.

Figure 58A depicts a detail flowchart of user operation 2032 of Figure 5A further performing selecting the first request responses of the request detail report for the first summary of the first summary component to create a preliminary request

response of the first summary of the first summary component in accordance with certain embodiments.

Arrow **2610** directs the usage flow from starting user operation **2032** to user operation **2612**. User operation **2612** performs acoustically selecting the first request responses of the request detail report for the first summary of the first summary component to create a preliminary request response of the first summary of the first summary component is comprised of a member. Arrow **2614** directs usage from user operation **2612** to user operation **2616**. User operation **2616** terminates the usage of this flowchart.

Arrow **2620** directs the usage flow from user operation **2032** to user operation **2622**. User operation **2622** performs visually selecting the first request responses of the request detail report for the first summary of the first summary component to create a preliminary request response of the first summary of the first summary component is comprised of a member. Arrow **2624** directs usage from user operation **2622** to user operation **2616**. User operation **2616** terminates the usage of this flowchart.

Figure **58A** depicts a detail flowchart of operation **2032** of Figure **5A** further performing selecting the first request responses of the request detail report for the first summary of the first summary component to create a preliminary request response of the first summary of the first summary component in accordance with certain operational embodiments.

Figure **58B** depicts a detail flowchart of user operation **2012** of Figure **4** performing perceiving the request detail report for the first summary of the request summary collection contained in the request list component for the second covering group member containing at least one request report comprising the requestor name, the requested item, the request response list containing at least two request responses in accordance with certain embodiments.

Arrow **2630** directs the usage flow from starting user operation **2012** to user operation **2632**. User operation **2632** performs hearing the request detail report for the first summary of the request summary collection contained in the request list component for the second covering group member containing at least one request report comprising the requestor name, the requested item, the request response list

containing at least two request responses. Arrow **2634** directs usage from user operation **2632** to user operation **2636**. User operation **2636** terminates the usage of this flowchart.

Arrow **2640** directs the usage flow from user operation **2012** to user operation **2642**.

- 5 User operation **2642** performs seeing the request detail report for the first summary of the request summary collection contained in the request list component for the second covering group member containing at least one request report comprising the requestor name, the requested item, the request response list containing at least two request responses. Arrow **2644** directs usage from user operation **2642** to
- 10 user operation **2636**. User operation **2636** terminates the usage of this flowchart.

- Figure **58B** depicts a detail flowchart of operation **2012** of Figure **4** performing perceiving the request detail report for the first summary of the request summary collection contained in the request list component for the second covering group member containing at least one request report comprising the requestor name, the
- 15 requested item, the request response list containing at least two request responses in accordance with certain operational embodiments.

The preceding embodiments have been provided by way of example and are not meant to constrain the scope of the following claims.

Claims

1. A method for a first covering group member belonging to a covering group containing at least two covering group members of using a request list containing a request list component for each of said covering group members of said covering group, each of said request list components further containing a request summary collection containing at least a past-due request summary and a immediately-due request summary, comprising the steps of:

selecting a second of said covering group members belonging to said covering group;

selecting a first of said summaries of said request summary collection contained in said request list component for said second covering group member; and

perceiving a request detail report for said first summary of said request summary collection contained in said request list component for said second covering group member containing at least one request report comprising a requestor name, a requested item, a request response list containing at least two request responses.

2. A method as recited in Claim 1, further comprising the step of:

selecting a first of said request responses of said request detail report for said first summary of said first summary component to create a preliminary request response of said first summary of said first summary component.

3. A method as recited in Claim 2, further comprising the step of:

selecting to send at least one of said preliminary request responses.

4. A method as recited in Claim 3,

wherein selecting to send at least one of said preliminary request responses further comprises the step of

selecting to send at least all of said preliminary request responses of said first summary component.

5. A method as recited in Claim 3,

wherein selecting to send at least one of said preliminary request responses further comprises the step of

selecting to send at least all of said preliminary request responses.

6. A method as recited in Claim 3,  
wherein said requested item is a prescription; and  
wherein said request summary collection further containing a future-due  
5 request summary.

7. A method as recited in Claim 6,  
wherein selecting said first request response of said request detail report for  
said first summary of said first summary component to create said preliminary  
request response of said first summary of said first summary component is  
10 comprised of the step of  
selecting to create a view of medication history response.

8. A method as recited in Claim 6,  
wherein selecting said first request response of said request detail report for  
said first summary of said first summary component to create said preliminary  
15 request response of said first summary of said first summary component is further  
comprised of the step of  
selecting to create a view of appointment history response.

9. A method as recited in Claim 6,  
wherein selecting said first request response of said request detail report for  
20 said first summary of said first summary component to create said preliminary  
request response of said first summary of said first summary component is further  
comprised of the step of  
selecting to create a change prescription response.

10. A method as recited in Claim 6,  
25 wherein selecting said first request response of said request detail report for  
said first summary of said first summary component to create said preliminary  
request response of said first summary of said first summary component is further  
comprised of the step of  
selecting to create a hold prescription response.

30 11. A method as recited in Claim 6,

wherein selecting said first request response of said request detail report for said first summary of said first summary component to create said preliminary request response of said first summary of said first summary component is further comprised of the step of

5       selecting to create a view pharmacy message response.

12.    A method as recited in Claim 6,

wherein selecting said first request response of said request detail report for said first summary of said first summary component to create said preliminary request response of said first summary of said first summary component is further  
10   comprised of the step of

selecting to create a forward to primary care provider response.

13.    A method as recited in Claim 6,

wherein selecting said first request response of said request detail report for said first summary of said first summary component to create said preliminary  
15   request response of said first summary of said first summary component is further comprised of the step of

selecting to create a fill prescription response.

14.    A method as recited in Claim 13,

wherein selecting to create said fill prescription response is further comprised  
20   of the step of

selecting to fill said prescription response in terms of units.

15.    A method as recited in Claim 13,

wherein selecting to fill said prescription response in terms of units is comprised of the step of

25       selecting to fill said prescription response in terms of one unit of said prescription.

16.    A method as recited in Claim 14,

wherein selecting to fill said prescription response in terms of units is comprised of the step of

30       selecting to fill said prescription response in terms of at least two units of said prescription.



17. A method as recited in Claim 13,  
wherein selecting to create said fill prescription response is further comprised  
of the step of

selecting to fill said fill prescription response in terms of time duration.

18. A method as recited in Claim 6, further comprising the step of  
selecting to create a new prescription.

19. A method as recited in Claim 18,  
wherein selecting to create said new prescription is comprised of the steps of  
selecting a patient identifier associated with said new prescription to create a  
patient with said new prescription;

selecting a medication associated with said new prescription to create a  
medication with said new prescription;

selecting a dosage associated with said new prescription to create a dosage  
with said new prescription;

selecting a prescription unit number associated with said new prescription to  
create a number of units with said new prescription;

selecting a prescription direction associated with said new prescription to  
create a direction with said new prescription;

selecting a pharmacy for filling said prescription to create a filling pharmacy  
for said new prescription; and

authorizing said new prescription with said patient identifier, with said  
medication, with said dosage, with said number of units, with said direction at said  
filling pharmacy.

20. A method as recited in Claim 19,  
wherein selecting said patient identifier associated with said new prescription  
to create said patient with said new prescription is comprised of the steps of  
perceiving a patient identifier list containing at least one patient identifier; and  
selecting a first of said patient identifiers of said patient identifier list to create  
said patient with said new prescription.

21. A method as recited in Claim 19,

wherein selecting said medication associated with said new prescription to create said medication with said new prescription is comprised of the steps of  
perceiving a medication list containing at least two medications; and  
selecting a first of said medications of said medication list to create said  
5 medication with said new prescription.

22. A method as recited in Claim 19,  
wherein selecting said dosage associated with said new prescription to create said dosage with said new prescription is comprised of the steps of  
perceiving a dosage list containing at least one dosage; and  
10 selecting a first of said dosages of said dosage list to create said dosage with said new prescription.

23. A method as recited in Claim 19,  
wherein selecting a prescription unit number associated with said new prescription to create a number of units with said new prescription is comprised of  
15 the steps of  
perceiving a number of units list containing at least one number of units; and  
selecting a first of said number of units of said number of units list to create said number of units with said new prescription.

24. A method as recited in Claim 19,  
20 wherein selecting a prescription direction associated with said new prescription to create a direction with said new prescription is comprised of the steps of  
perceiving a direction list containing at least one direction; and  
selecting a first of said directions of said direction list to create said direction  
25 with said new prescription.

25. A method as recited in Claim 19,  
wherein selecting a pharmacy for filling said prescription to create a filling pharmacy for said new prescription is comprised of the steps of  
perceiving a pharmacy list containing at least one pharmacy; and  
30 selecting a first of said pharmacies of said pharmacy list to create said pharmacy with said new prescription.

26. A method as recited in Claim 19,

wherein authorizing said new prescription with said patient identifier, with said medication, with said dosage, with said number of units, with said direction at said filling pharmacy is comprised of the step of

5 sending said new prescription with said patient identifier, with said medication, with said dosage, with said number of units, with said direction to said filling pharmacy.

27. A method as recited in Claim 19,

10 wherein authorizing said new prescription with said patient identifier, with said medication, with said dosage, with said number of units, with said direction at said filling pharmacy is comprised of the step of

sending said new prescription with said patient identifier, with said medication, with said dosage, with said number of units, with said direction at said filling pharmacy to a physician.

15 28. A method as recited in Claim 6,

wherein said requested item is a referral; and

wherein said request summary collection further containing a referral result summary.

29. A method as recited in Claim 6,

20 wherein said requested item is a laboratory test; and

wherein said request summary collection further containing a test result summary.

30. A method as recited in Claim 2,

25 wherein selecting said first request responses of said request detail report for said first summary of said first summary component to create a preliminary request response of said first summary of said first summary component is comprised of a member of the collection comprising the steps of

30 acoustically selecting said first request responses of said request detail report for said first summary of said first summary component to create a preliminary request response of said first summary of said first summary component is comprised of a member; and

visually selecting said first request responses of said request detail report for said first summary of said first summary component to create a preliminary request response of said first summary of said first summary component is comprised of a member.

5 31. A method as recited in Claim 1,

wherein perceiving said request detail report for said first summary of said request summary collection contained in said request list component for said second covering group member containing at least one request report comprising said requestor name, said requested item, said request response list containing at  
10 least two request responses is comprised of the steps of

hearing said request detail report for said first summary of said request summary collection contained in said request list component for said second covering group member containing at least one request report comprising said requestor name, said requested item, said request response list containing at least  
15 two request responses; and

seeing said request detail report for said first summary of said request summary collection contained in said request list component for said second covering group member containing at least one request report comprising said requestor name, said requested item, said request response list containing at least  
20 two request responses.

32. A method of operating a computer system by a first covering group member belonging to a covering group containing at least two covering group members interacting with a request list containing a request list component for each of said covering group members of said covering group, each of said request list  
25 components further containing a request summary collection containing at least a past-due request summary and a immediately-due request summary, comprising the steps of:

selecting a second of said covering group members belonging to said covering group;

30 selecting a first of said summaries of said request summary collection contained in said request list component for said second covering group member; and

perceiving a request detail report for said first summary of said request summary collection contained in said request list component for said second covering group member containing at least one request report comprising a requestor name, a requested item, a request response list containing at least two request responses.

33. A method as recited in Claim 32, further comprising the step of:  
selecting a first of said request responses of said request detail report for said first summary of said first summary component to create a preliminary request response of said first summary of said first summary component.

10 34. A method as recited in Claim 33, further comprising the step of:  
selecting to send at least one of said preliminary request responses.

35. A method as recited in Claim 34, further comprising the step of:  
wherein selecting to send at least one of said preliminary request responses further comprises

15 selecting to send at least all of said preliminary request responses of said first summary component.

36. A method as recited in Claim 34,  
wherein selecting to send at least one of said preliminary request responses further comprises the step of

20 selecting to send at least all of said preliminary request responses.

37. A method as recited in Claim 34,  
wherein said requested item is a prescription; and  
wherein said request summary collection further containing a future-due request summary.

25 38. A method as recited in Claim 37,  
wherein selecting said first request response of said request detail report for said first summary of said first summary component to create said preliminary request response of said first summary of said first summary component is comprised of the step of

30 selecting to create a view of medication history response.

39. A method as recited in Claim 37,  
wherein selecting said first request response of said request detail report for  
said first summary of said first summary component to create said preliminary  
request response of said first summary of said first summary component is further  
5 comprised of the step of  
selecting to create a view of appointment history response.

40. A method as recited in Claim 37,  
wherein selecting said first request response of said request detail report for  
said first summary of said first summary component to create said preliminary  
10 request response of said first summary of said first summary component is further  
comprised of the step of  
selecting to create a change prescription response.

41. A method as recited in Claim 37,  
wherein selecting said first request response of said request detail report for  
15 said first summary of said first summary component to create said preliminary  
request response of said first summary of said first summary component is further  
comprised of the step of  
selecting to create a hold prescription response.

42. A method as recited in Claim 37,  
20 wherein selecting said first request response of said request detail report for  
said first summary of said first summary component to create said preliminary  
request response of said first summary of said first summary component is further  
comprised of the step of  
selecting to create a view pharmacy message response.

25 43. A method as recited in Claim 37,  
wherein selecting said first request response of said request detail report for  
said first summary of said first summary component to create said preliminary  
request response of said first summary of said first summary component is further  
comprised of the step of  
30 selecting to create a forward to primary care provider response.

44. A method as recited in Claim 37,

wherein selecting said first request response of said request detail report for said first summary of said first summary component to create said preliminary request response of said first summary of said first summary component is further comprised of the step of

5       selecting to create a fill prescription response.

45.    A method as recited in Claim 44,

wherein selecting to create said fill prescription response is further comprised of the step of

selecting to fill said prescription response in terms of units.

10   46.   A method as recited in Claim 44,

wherein selecting to fill said prescription response in terms of units is comprised of the step of

selecting to fill prescription in terms of one unit of said prescription.

47.    A method as recited in Claim 45,

15       wherein selecting to fill said prescription response in terms of units is comprised of the step of

selecting to fill prescription in terms of at least two units of said prescription.

48.    A method as recited in Claim 44,

20       wherein selecting to create said fill prescription response is further comprised of the step of

selecting to fill prescription in terms of time duration.

49.    A method as recited in Claim 37, further comprising the step of selecting to create a new prescription.

50.    A method as recited in Claim 49,

25       wherein selecting to create said new prescription is comprised of the steps of selecting a patient identifier associated with said new prescription to create a patient with said new prescription;

selecting a medication associated with said new prescription to create a medication with said new prescription;

selecting a dosage associated with said new prescription to create a dosage with said new prescription;

selecting a prescription unit number associated with said new prescription to create a number of units with said new prescription;

5 selecting a prescription direction associated with said new prescription to create a direction with said new prescription;

selecting a pharmacy for filling said prescription to create a filling pharmacy for said new prescription; and

authorizing said new prescription with said patient identifier, with said  
10 medication, with said dosage, with said number of units, with said direction at said filling pharmacy.

51. A method as recited in Claim 50,

wherein selecting said patient identifier associated with said new prescription to create said patient with said new prescription is comprised of the steps of

15 perceiving a patient identifier list containing at least one patient identifier; and  
selecting a first of said patient identifiers of said patient identifier list to create said patient with said new prescription.

52. A method as recited in Claim 50,

wherein selecting said medication associated with said new prescription to  
20 create said medication with said new prescription is comprised of the steps of

perceiving a medication list containing at least two medications; and  
selecting a first of said medications of said medication list to create said medication with said new prescription.

53. A method as recited in Claim 50,

25 wherein selecting said dosage associated with said new prescription to create said dosage with said new prescription is comprised of the steps of

perceiving a dosage list containing at least one dosage; and  
selecting a first of said dosages of said dosage list to create said dosage with said new prescription.

30 54. A method as recited in Claim 50,



wherein selecting a prescription unit number associated with said new prescription to create a number of units with said new prescription is comprised of the steps of

perceiving a number of units list containing at least one number of units; and

5 selecting a first of said number of units of said number of units list to create said number of units with said new prescription.

55. A method as recited in Claim 50,

wherein selecting a prescription direction associated with said new prescription to create a direction with said new prescription is comprised of the  
10 steps of

perceiving a direction list containing at least one direction; and

selecting a first of said directions of said direction list to create said direction with said new prescription.

56. A method as recited in Claim 50,

15 wherein selecting a pharmacy for filling said prescription to create a filling pharmacy for said new prescription is comprised of

perceiving a pharmacy list containing at least one pharmacy; and

selecting a first of said pharmacies of said pharmacy list to create said pharmacy with said new prescription.

20 57. A method as recited in Claim 50,

wherein authorizing said new prescription with said patient identifier, with said medication, with said dosage, with said number of units, with said direction at said filling pharmacy is comprised of the step of

25 sending said new prescription with said patient identifier, with said medication, with said dosage, with said number of units, with said direction to said filling pharmacy.

58. A method as recited in Claim 50,

wherein authorizing said new prescription with said patient identifier, with said medication, with said dosage, with said number of units, with said direction at  
30 said filling pharmacy is comprised of the step of

sending said new prescription with said patient identifier, with said medication, with said dosage, with said number of units, with said direction at said filling pharmacy to a physician.

59. A method as recited in Claim 37,  
5 wherein said requested item is a referral; and  
wherein said request summary collection further containing a referral result summary.

60. A method as recited in Claim 37,  
wherein said requested item is a laboratory test; and  
10 wherein said request summary collection further containing a test result summary.

61. A method as recited in Claim 33,  
wherein selecting said first request responses of said request detail report for said first summary of said first summary component to create a preliminary request  
15 response of said first summary of said first summary component is comprised of a member of the collection comprising the steps of

acoustically selecting said first request responses of said request detail report for said first summary of said first summary component to create a preliminary request response of said first summary of said first summary component  
20 is comprised of a member; and

visually selecting said first request responses of said request detail report for said first summary of said first summary component to create a preliminary request response of said first summary of said first summary component is comprised of a member.

25 62. A method as recited in Claim 32,  
wherein perceiving said request detail report for said first summary of said request summary collection contained in said request list component for said second covering group member containing at least one request report comprising said requestor name, said requested item, said request response list containing at  
30 least two request responses is comprised of the steps of

hearing said request detail report for said first summary of said request summary collection contained in said request list component for said second covering group member containing at least one request report comprising said requestor name, said requested item, said request response list containing at least two request responses; and

seeing said request detail report for said first summary of said request summary collection contained in said request list component for said second covering group member containing at least one request report comprising said requestor name, said requested item, said request response list containing at least two request responses.

63. A program operating system residing in computer memory accessibly coupled to at least a computer operated by a first covering group member belonging to a covering group containing at least two covering group members supporting said first covering group member interacting with a request list containing a request list component for each of said covering group members of said covering group, each of said request list components further containing a request summary collection containing at least a past-due request summary and a immediately-due request summary, comprising:

a program code segment supporting selecting a second of said covering group members belonging to said covering group;

a program code segment supporting selecting a first of said summaries of said request summary collection contained in said request list component for said second covering group member; and

a program code segment supporting perceiving a request detail report for said first summary of said request summary collection contained in said request list component for said second covering group member containing at least one request report comprising a requestor name, a requested item, a request response list containing at least two request responses.

64. A program operating system as recited in Claim 63, further comprising:

a program code segment supporting selecting a first of said request responses of said request detail report for said first summary of said first summary

component to create a preliminary request response of said first summary of said first summary component.

65. A program operating system as recited in Claim 64, further comprising:  
a program code segment supporting selecting to send at least one of said preliminary request responses.

66. A program operating system as recited in Claim 65, further comprising:  
wherein said program code segment supporting selecting to send at least one of said preliminary request responses further comprises  
a program code segment supporting selecting to send at least all of said preliminary request responses of said first summary component.

67. A program operating system as recited in Claim 65,  
wherein said program code segment supporting selecting to send at least one of said preliminary request responses further comprises  
a program code segment supporting selecting to send at least all of said preliminary request responses.

68. A program operating system as recited in Claim 65,  
wherein said requested item is a prescription; and  
wherein said request summary collection further containing a future-due request summary.

69. A program operating system as recited in Claim 68,  
wherein said program code segment supporting selecting said first request response of said request detail report for said first summary of said first summary component to create said preliminary request response of said first summary of said first summary component is comprised of  
a program code segment supporting selecting to create a view of medication history response.

70. A program operating system as recited in Claim 68,  
wherein said program code segment supporting selecting said first request response of said request detail report for said first summary of said first summary

component to create said preliminary request response of said first summary of said first summary component is further comprised of

a program code segment supporting selecting to create a view of appointment history response.

5 71. A program operating system as recited in Claim 68,  
wherein said program code segment supporting selecting said first request response of said request detail report for said first summary of said first summary component to create said preliminary request response of said first summary of said first summary component is further comprised of

10 a program code segment supporting selecting to create a change prescription response.

72. A program operating system as recited in Claim 68,  
wherein said program code segment supporting selecting said first request response of said request detail report for said first summary of said first summary  
15 component to create said preliminary request response of said first summary of said first summary component is further comprised of

a program code segment supporting selecting to create a hold prescription response.

73. A program operating system as recited in Claim 68,  
20 wherein said program code segment supporting selecting said first request response of said request detail report for said first summary of said first summary component to create said preliminary request response of said first summary of said first summary component is further comprised of

a program code segment supporting selecting to create a view pharmacy  
25 message response.

74. A program operating system as recited in Claim 68,  
wherein said program code segment supporting selecting said first request response of said request detail report for said first summary of said first summary component to create said preliminary request response of said first summary of said  
30 first summary component is further comprised of

a program code segment supporting selecting to create a forward to primary care provider response.

75. A program operating system as recited in Claim 68,

wherein said program code segment supporting selecting said first request response of said request detail report for said first summary of said first summary component to create said preliminary request response of said first summary of said first summary component is further comprised of

a program code segment supporting selecting to create a fill prescription response.

76. A program operating system as recited in Claim 75,

wherein said program code segment supporting selecting to create said fill prescription response is further comprised of

a program code segment supporting selecting to fill said prescription response in terms of units.

77. A program operating system as recited in Claim 75,

wherein said program code segment supporting selecting to fill said prescription response in terms of units is comprised of

a program code segment supporting selecting to fill prescription in terms of one unit of said prescription.

78. A program operating system as recited in Claim 76,

wherein said program code segment supporting selecting to fill said prescription response in terms of units is comprised of

a program code segment supporting selecting to fill prescription in terms of at least two units of said prescription.

79. A program operating system as recited in Claim 75,

wherein said program code segment supporting selecting to create said fill prescription response is further comprised of

a program code segment supporting selecting to fill prescription in terms of time duration.

80. A program operating system as recited in Claim 68, further comprising

a program code segment supporting selecting to create a new prescription.

81. A program operating system as recited in Claim 80,

wherein said program code segment supporting selecting to create said new prescription is comprised of the steps of

a program code segment supporting selecting a patient identifier associated with said new prescription to create a patient with said new prescription;

a program code segment supporting selecting a medication associated with said new prescription to create a medication with said new prescription;

a program code segment supporting selecting a dosage associated with said new prescription to create a dosage with said new prescription;

a program code segment supporting selecting a prescription unit number associated with said new prescription to create a number of units with said new prescription;

a program code segment supporting selecting a prescription direction associated with said new prescription to create a direction with said new prescription;

a program code segment supporting selecting a pharmacy for filling said prescription to create a filling pharmacy for said new prescription; and

a program code segment supporting authorizing said new prescription with said patient identifier, with said medication, with said dosage, with said number of units, with said direction at said filling pharmacy.

82. A program operating system as recited in Claim 81,

wherein said program code segment supporting selecting said patient identifier associated with said new prescription to create said patient with said new prescription is comprised of the steps of

a program code segment supporting perceiving a patient identifier list containing at least one patient identifier; and

a program code segment supporting selecting a first of said patient identifiers of said patient identifier list to create said patient with said new prescription.

83. A program operating system as recited in Claim 81,

wherein said program code segment supporting selecting said medication associated with said new prescription to create said medication with said new prescription is comprised of the steps of

a program code segment supporting perceiving a medication list containing  
5 at least two medications; and

a program code segment supporting selecting a first of said medications of said medication list to create said medication with said new prescription.

84. A program operating system as recited in Claim 81,

wherein said program code segment supporting selecting said dosage  
10 associated with said new prescription to create said dosage with said new prescription is comprised of the steps of

a program code segment supporting perceiving a dosage list containing at least one dosage; and

a program code segment supporting selecting a first of said dosages of said  
15 dosage list to create said dosage with said new prescription.

85. A program operating system as recited in Claim 81,

wherein said program code segment supporting selecting a prescription unit number associated with said new prescription to create a number of units with said new prescription is comprised of the steps of

20 a program code segment supporting perceiving a number of units list containing at least one number of units; and

a program code segment supporting selecting a first of said number of units of said number of units list to create said number of units with said new prescription.

86. A program operating system as recited in Claim 81,

25 wherein said program code segment supporting selecting a prescription direction associated with said new prescription to create a direction with said new prescription is comprised of the steps of

a program code segment supporting perceiving a direction list containing at least one direction; and

30 a program code segment supporting selecting a first of said directions of said direction list to create said direction with said new prescription.



87. A program operating system as recited in Claim 81,  
wherein said program code segment supporting selecting a pharmacy for  
filling said prescription to create a filling pharmacy for said new prescription is  
comprised of

5 a program code segment supporting perceiving a pharmacy list containing at  
least one pharmacy; and

a program code segment supporting selecting a first of said pharmacies of  
said pharmacy list to create said pharmacy with said new prescription.

88. A program operating system as recited in Claim 81,

10 wherein said program code segment supporting authorizing said new  
prescription with said patient identifier, with said medication, with said dosage, with  
said number of units, with said direction at said filling pharmacy is comprised of

a program code segment supporting sending said new prescription with said  
patient identifier, with said medication, with said dosage, with said number of units,  
15 with said direction to said filling pharmacy.

89. A program operating system as recited in Claim 81,

wherein said program code segment supporting authorizing said new  
prescription with said patient identifier, with said medication, with said dosage, with  
said number of units, with said direction at said filling pharmacy is comprised of

20 a program code segment supporting sending said new prescription with said  
patient identifier, with said medication, with said dosage, with said number of units,  
with said direction at said filling pharmacy to a physician.

90. A program operating system as recited in Claim 68,

wherein said requested item is a referral; and

25 wherein said request summary collection further containing a referral result  
summary.

91. A program operating system as recited in Claim 68,

wherein said requested item is a laboratory test; and

30 wherein said request summary collection further containing a test result  
summary.

92. A program operating system as recited in Claim 64,

wherein said program code segment supporting selecting said first request responses of said request detail report for said first summary of said first summary component to create a preliminary request response of said first summary of said first summary component is comprised of a member of the collection comprising the steps of

a program code segment supporting acoustically selecting said first request responses of said request detail report for said first summary of said first summary component to create a preliminary request response of said first summary of said first summary component is comprised of a member; and

a program code segment supporting visually selecting said first request responses of said request detail report for said first summary of said first summary component to create a preliminary request response of said first summary of said first summary component is comprised of a member.

93. A program operating system as recited in Claim 63,

wherein said program code segment supporting perceiving said request detail report for said first summary of said request summary collection contained in said request list component for said second covering group member containing at least one request report comprising said requestor name, said requested item, said request response list containing at least two request responses is comprised of the steps of

a program code segment supporting hearing said request detail report for said first summary of said request summary collection contained in said request list component for said second covering group member containing at least one request report comprising said requestor name, said requested item, said request response list containing at least two request responses; and

a program code segment supporting seeing said request detail report for said first summary of said request summary collection contained in said request list component for said second covering group member containing at least one request report comprising said requestor name, said requested item, said request response list containing at least two request responses.

94. A computing system containing at least one computer operated by a first covering group member belonging to a covering group containing at least two

covering group members supporting said first covering group member interacting with a request list containing a request list component for each of said covering group members of said covering group, each of said request list components further containing a request summary collection containing at least a past-due request summary and a immediately-due request summary, comprising:

at least a computer operated by said first covering group member accessibly coupled to a computer memory;

wherein a program operating system residing in said computer memory accessibly coupled to at least one of said computers of said computing system is further comprised of:

a program code segment supporting selecting a second of said covering group members belonging to said covering group;

a program code segment supporting selecting a first of said summaries of said request summary collection contained in said request list component for said second covering group member; and

a program code segment supporting perceiving a request detail report for said first summary of said request summary collection contained in said request list component for said second covering group member containing at least one request report comprising a requestor name, a requested item, a request response list containing at least two request responses.

95. A computer system as recited in Claim 94, further comprising:

a program code segment supporting selecting a first of said request responses of said request detail report for said first summary of said first summary component to create a preliminary request response of said first summary of said first summary component.

96. A computing system as recited in Claim 95, further comprising:

a program code segment supporting selecting to send at least one of said preliminary request responses.

97. A computing system as recited in Claim 96, further comprising:

wherein said program code segment supporting selecting to send at least one of said preliminary request responses further comprises

a program code segment supporting selecting to send at least all of said preliminary request responses of said first summary component.

98. A computing system as recited in Claim 96,

wherein said program code segment supporting selecting to send at least one of said preliminary request responses further comprises

a program code segment supporting selecting to send at least all of said preliminary request responses.

99. A computing system as recited in Claim 96,

wherein said requested item is a prescription; and

wherein said request summary collection further containing a future-due request summary.

100. A computing system as recited in Claim 99,

wherein said program code segment supporting selecting said first request response of said request detail report for said first summary of said first summary component to create said preliminary request response of said first summary of said first summary component is comprised of

a program code segment supporting selecting to create a view of medication history response.

101. A computing system as recited in Claim 99,

wherein said program code segment supporting selecting said first request response of said request detail report for said first summary of said first summary component to create said preliminary request response of said first summary of said first summary component is further comprised of

a program code segment supporting selecting to create a view of appointment history response.

102. A computing system as recited in Claim 99,

wherein said program code segment supporting selecting said first request response of said request detail report for said first summary of said first summary component to create said preliminary request response of said first summary of said first summary component is further comprised of

a program code segment supporting selecting to create a change prescription response.

103. A computing system as recited in Claim 99,

wherein said program code segment supporting selecting said first request response of said request detail report for said first summary of said first summary component to create said preliminary request response of said first summary of said first summary component is further comprised of

a program code segment supporting selecting to create a hold prescription response.

104. A computing system as recited in Claim 99,

wherein said program code segment supporting selecting said first request response of said request detail report for said first summary of said first summary component to create said preliminary request response of said first summary of said first summary component is further comprised of

a program code segment supporting selecting to create a view pharmacy message response.

105. A computing system as recited in Claim 99,

wherein said program code segment supporting selecting said first request response of said request detail report for said first summary of said first summary component to create said preliminary request response of said first summary of said first summary component is further comprised of

a program code segment supporting selecting to create a forward to primary care provider response.

106. A computing system as recited in Claim 99,

wherein said program code segment supporting selecting said first request response of said request detail report for said first summary of said first summary component to create said preliminary request response of said first summary of said first summary component is further comprised of

a program code segment supporting selecting to create a fill prescription response.

107. A computing system as recited in Claim 106,

wherein said program code segment supporting selecting to create said fill prescription response is further comprised of

a program code segment supporting selecting to fill said prescription response in terms of units.

5 108. A computing system as recited in Claim 106,

wherein said program code segment supporting selecting to fill said prescription response in terms of units is comprised of

a program code segment supporting selecting to fill prescription in terms of one unit of said prescription.

10 109. A computing system as recited in Claim 107,

wherein said program code segment supporting selecting to fill said prescription response in terms of units is comprised of

a program code segment supporting selecting to fill prescription in terms of at least two units of said prescription.

15 110. A computing system as recited in Claim 106,

wherein said program code segment supporting selecting to create said fill prescription response is further comprised of

a program code segment supporting selecting to fill prescription in terms of time duration.

20 111. A computing system as recited in Claim 99, further comprising

a program code segment supporting selecting to create a new prescription.

112. A computing system as recited in Claim 111,

wherein said program code segment supporting selecting to create said new prescription is comprised of the steps of

25 a program code segment supporting selecting a patient identifier associated with said new prescription to create a patient with said new prescription;

a program code segment supporting selecting a medication associated with said new prescription to create a medication with said new prescription;

30 a program code segment supporting selecting a dosage associated with said new prescription to create a dosage with said new prescription;

a program code segment supporting selecting a prescription unit number associated with said new prescription to create a number of units with said new prescription;

a program code segment supporting selecting a prescription direction  
5 associated with said new prescription to create a direction with said new prescription;

a program code segment supporting selecting a pharmacy for filling said prescription to create a filling pharmacy for said new prescription; and

a program code segment supporting authorizing said new prescription with  
10 said patient identifier, with said medication, with said dosage, with said number of units, with said direction at said filling pharmacy.

113. A computing system as recited in Claim 112,

wherein said program code segment supporting selecting said patient  
15 identifier associated with said new prescription to create said patient with said new prescription is comprised of the steps of

a program code segment supporting perceiving a patient identifier list containing at least one patient identifier; and

a program code segment supporting selecting a first of said patient identifiers of said patient identifier list to create said patient with said new prescription.

20 114. A computing system as recited in Claim 112,

wherein said program code segment supporting selecting said medication associated with said new prescription to create said medication with said new prescription is comprised of the steps of

a program code segment supporting perceiving a medication list containing  
25 at least two medications; and

a program code segment supporting selecting a first of said medications of said medication list to create said medication with said new prescription.

115. A computing system as recited in Claim 112,

wherein said program code segment supporting selecting said dosage  
30 associated with said new prescription to create said dosage with said new prescription is comprised of the steps of

a program code segment supporting perceiving a dosage list containing at least one dosage; and

a program code segment supporting selecting a first of said dosages of said dosage list to create said dosage with said new prescription.

5 116. A computing system as recited in Claim 112,

wherein said program code segment supporting selecting a prescription unit number associated with said new prescription to create a number of units with said new prescription is comprised of the steps of

10 a program code segment supporting perceiving a number of units list containing at least one number of units; and

a program code segment supporting selecting a first of said number of units of said number of units list to create said number of units with said new prescription.

117. A computing system as recited in Claim 112,

15 wherein said program code segment supporting selecting a prescription direction associated with said new prescription to create a direction with said new prescription is comprised of the steps of

a program code segment supporting perceiving a direction list containing at least one direction; and

20 a program code segment supporting selecting a first of said directions of said direction list to create said direction with said new prescription.

118. A computing system as recited in Claim 112,

wherein said program code segment supporting selecting a pharmacy for filling said prescription to create a filling pharmacy for said new prescription is comprised of

25 a program code segment supporting perceiving a pharmacy list containing at least one pharmacy; and

a program code segment supporting selecting a first of said pharmacies of said pharmacy list to create said pharmacy with said new prescription.

119. A computing system as recited in Claim 112,



wherein said program code segment supporting authorizing said new prescription with said patient identifier, with said medication, with said dosage, with said number of units, with said direction at said filling pharmacy is comprised of

5 a program code segment supporting sending said new prescription with said patient identifier, with said medication, with said dosage, with said number of units, with said direction to said filling pharmacy.

120. A computing system as recited in Claim 112,

wherein said program code segment supporting authorizing said new prescription with said patient identifier, with said medication, with said dosage, with  
10 said number of units, with said direction at said filling pharmacy is comprised of

a program code segment supporting sending said new prescription with said patient identifier, with said medication, with said dosage, with said number of units, with said direction at said filling pharmacy to a physician.

121. A computing system as recited in Claim 99,

15 wherein said requested item is a referral; and

wherein said request summary collection further containing a referral result summary.

122. A computing system as recited in Claim 99,

wherein said requested item is a laboratory test; and

20 wherein said request summary collection further containing a test result summary.

123. A computing system as recited in Claim 95,

wherein said program code segment supporting selecting said first request responses of said request detail report for said first summary of said first summary  
25 component to create a preliminary request response of said first summary of said first summary component is comprised of a member of the collection comprising the steps of

a program code segment supporting acoustically selecting said first request responses of said request detail report for said first summary of said first summary  
30 component to create a preliminary request response of said first summary of said first summary component is comprised of a member; and

a program code segment supporting visually selecting said first request responses of said request detail report for said first summary of said first summary component to create a preliminary request response of said first summary of said first summary component is comprised of a member.

5 124. A computing system as recited in Claim 94,

wherein said program code segment supporting perceiving said request detail report for said first summary of said request summary collection contained in said request list component for said second covering group member containing at least one request report comprising said requestor name, said requested item, said request response list containing at least two request responses is comprised of the steps of

a program code segment supporting hearing said request detail report for said first summary of said request summary collection contained in said request list component for said second covering group member containing at least one request report comprising said requestor name, said requested item, said request response list containing at least two request responses; and

a program code segment supporting seeing said request detail report for said first summary of said request summary collection contained in said request list component for said second covering group member containing at least one request report comprising said requestor name, said requested item, said request response list containing at least two request responses.



script 1004

1002 Prescription Group Monitor

Inbox For

DOCTOR, JOHN 1090

WELBY, JOHN 1100

DOCTOR, PAUL 1100

PHYSICIAN, DOUGLAS 3

**RX In Box™**

REFRESH
UNDO
INBOX
FUTURES
LOGOFF

SEND
CANCEL

1202 Referral Group Monitor

Action Items Days Late Encounter Results 1206

1	0	1204	2	1200
3	1108	0	1110	2
6	3	0	0	1112
2	1	4	4	1210

Create a New Referral

My Futures

WELBY, JOHN IMMEDIATES 1120

01 02 03 04

01 yr 02 yr 0 PCP 0 Hold

Med Appt. Chg Rx

PATIENT, KENNETH K. 1140

DOXEPIN HCL CAP 10 MG 1144

TAKE 1 CAPSULE 2 TIMES A DAY 1148

Forward from MCCOY, BONES E. MD FAMILY PRACTICE 1150

---

01 02 03 04

01 yr 02 yr 0 PCP 0 Hold

Med Appt. Chg Rx

PERSON, MARGARET

SULINDAC 200MG TABLET

TAKE 1 TABLET 2 TIMES A DAY WITH MEALS FOR INFLAMMATION (GENERIC FOR CLINORIL)

---

Pharmacy Message

Med Appt. Chg Rx

SEND

PATIENT, JAMES C.

AMITRPTYLINE 25 MG TABLET

TAKE 1 TABLET AT BEDTIME WITH 100MG TABLET (GENERIC FOR ELAVIL)

FIG. 2

eScript				eScript Labs			
Labs InBox for John Welby	NEW LABS 1400	ACTION ITEMS 1402	RESULTS LOGOFF 1404				
Group Monitor							
1002	1302 Labs Group Monitor	1306	1090				
Inbox For	Action Items Days Late, Lab Results	Prescription Group Monitor	1008				
SCOTT, SAM T	1 0 1304 2	1004 9	4 1006 22				
WELBY, JOHN	3 1310 0 1312 2	3 1102 0 1104 11	11 1106				
1100 GRIFFITH, SUZY L	6 1314 0	1 0 12					
Lab Results							
Review Forward Request Appt	Wellton, Patricia	1326	Seen: 2/23/00	MR# 00-01-98777			
1320 1322 1324	Lab Results			CBC			
	Consulting Physician: Rogers, Karen	1328					
Review Forward Request Appt	Smith, Allan	Seen: 2/24/00	MR# 00-02-63388				
	Lab Results		HIV				
	Consulting Physician: Smith, Michael						
Review Forward Request Appt	Fields, Sally W	Seen: 2/25/00	MR# 00-92-00232				
	Lab Results		Liver Function				
	Consulting Physician: West, Tina						
ACTION ITEMS RESULTS LOGOFF							

FIG. 3

ESCR0001

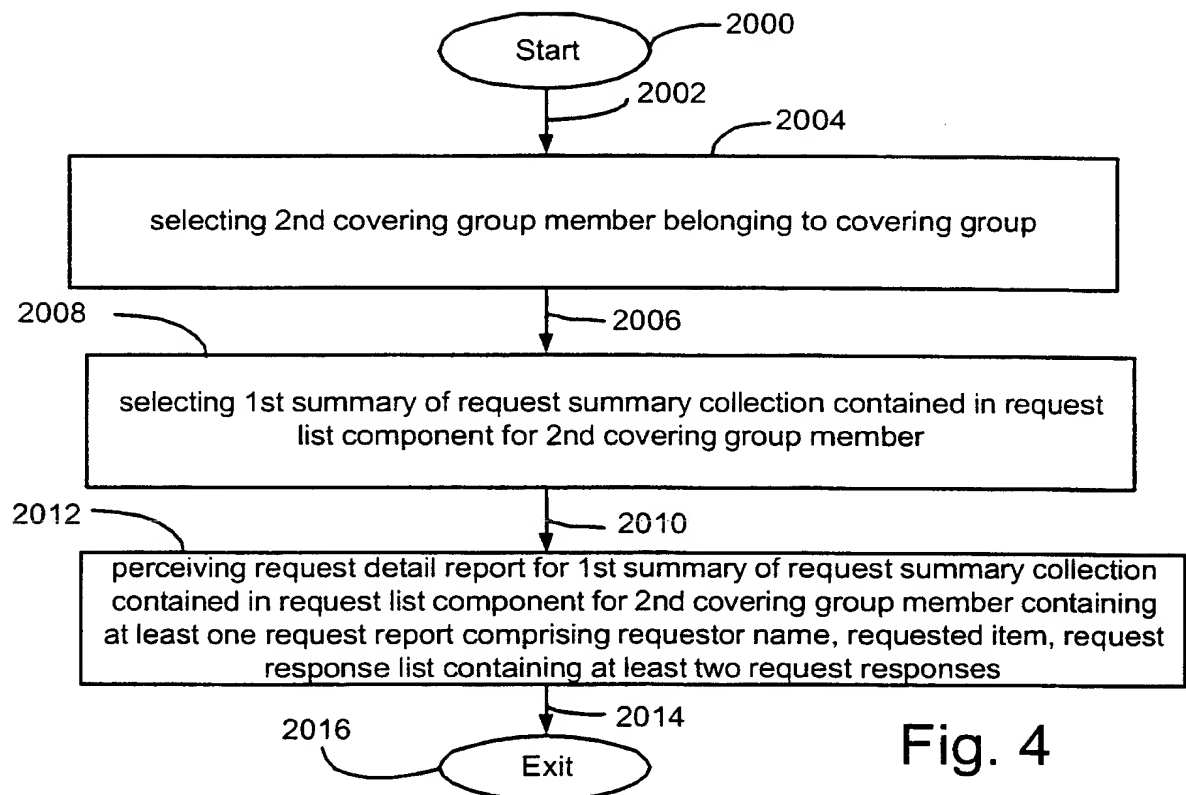


Fig. 4

ESCR0001

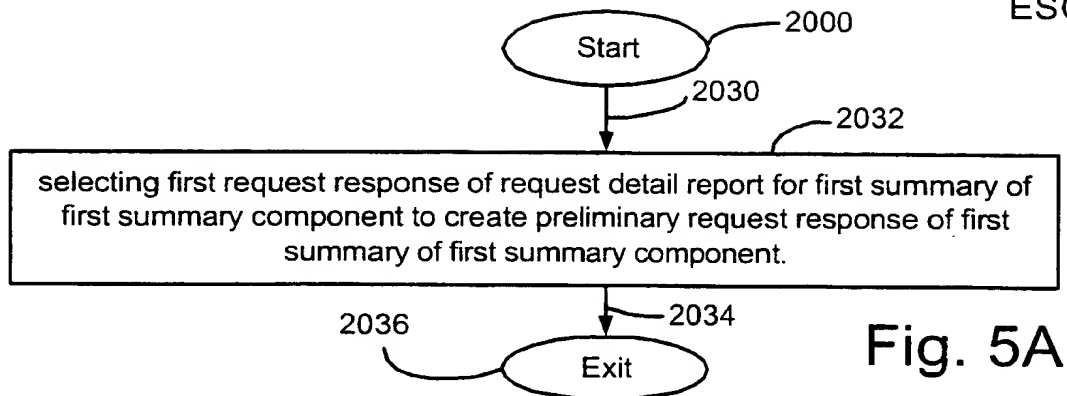


Fig. 5A

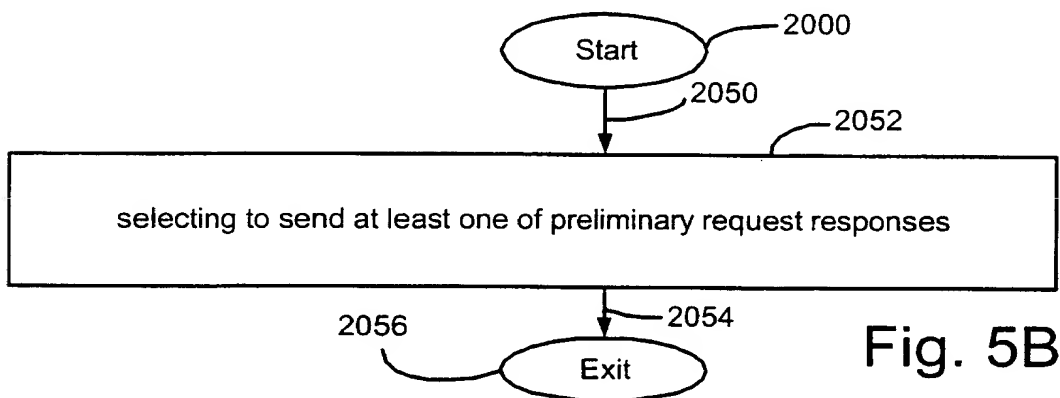


Fig. 5B

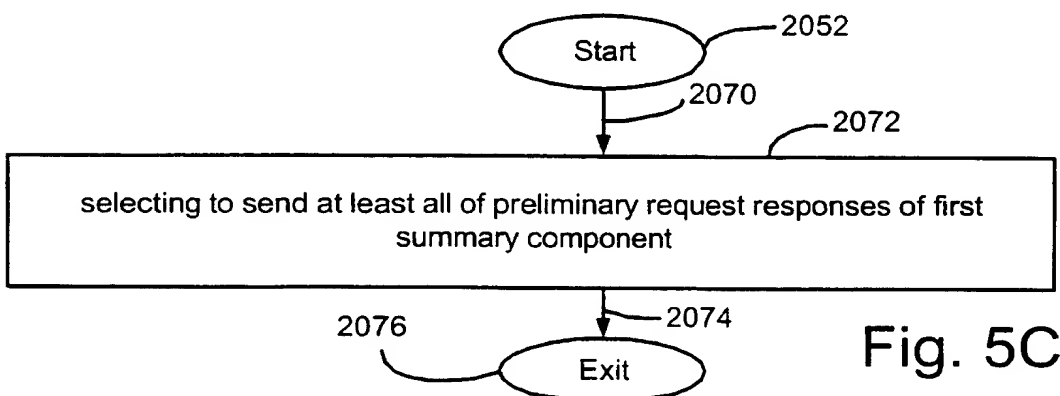


Fig. 5C

ESCR0001

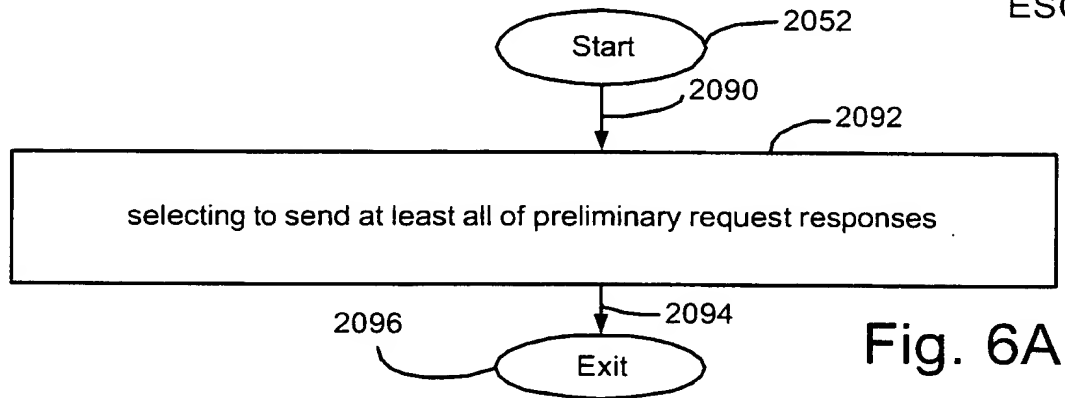


Fig. 6A

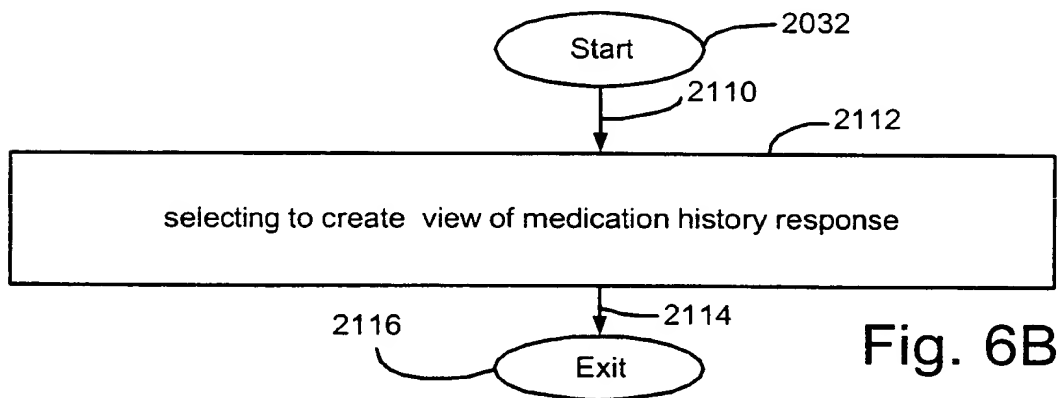


Fig. 6B

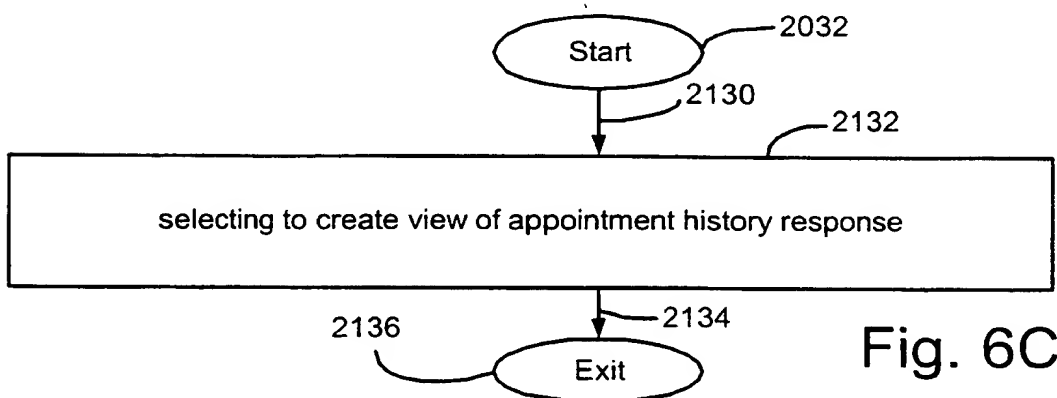


Fig. 6C



ESCR0001

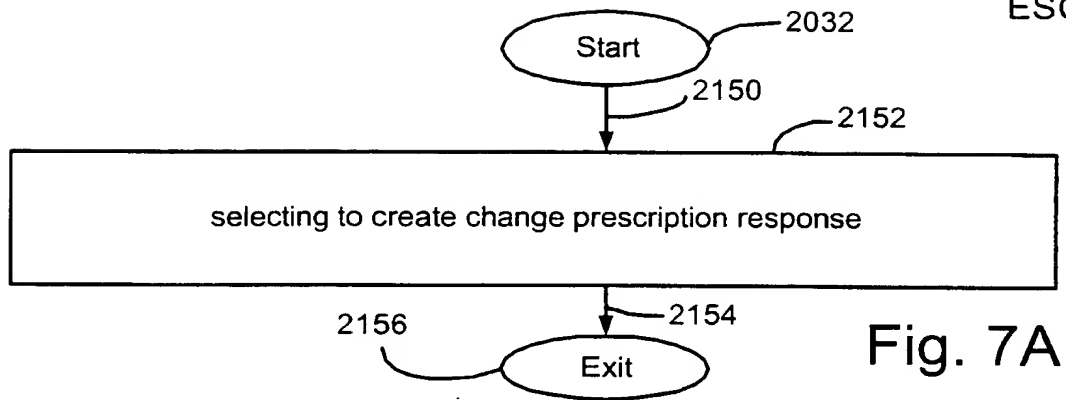


Fig. 7A

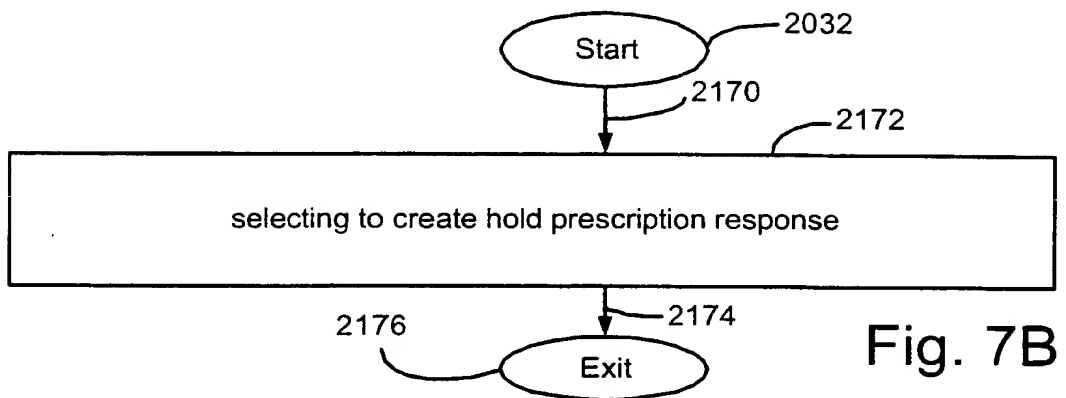


Fig. 7B

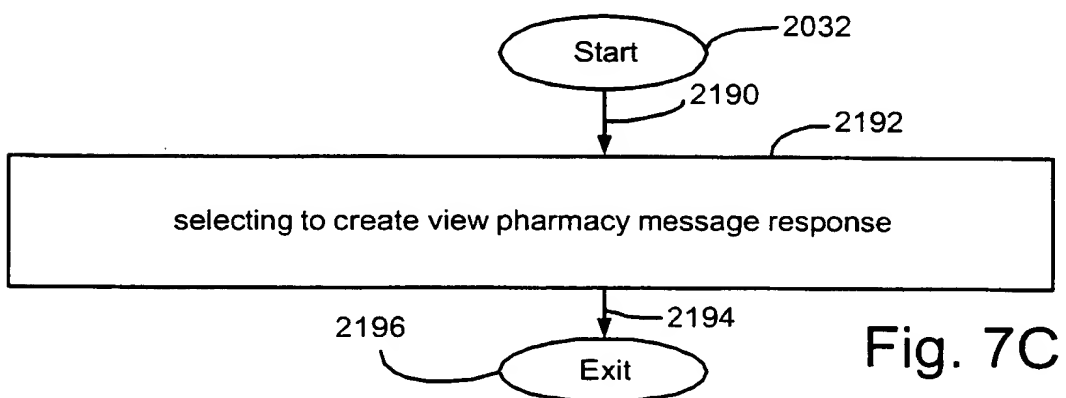


Fig. 7C

ESCR0001

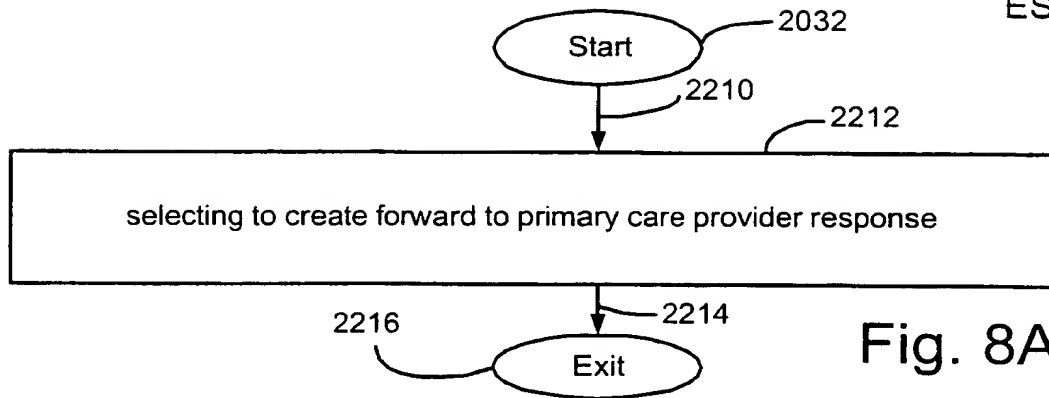


Fig. 8A

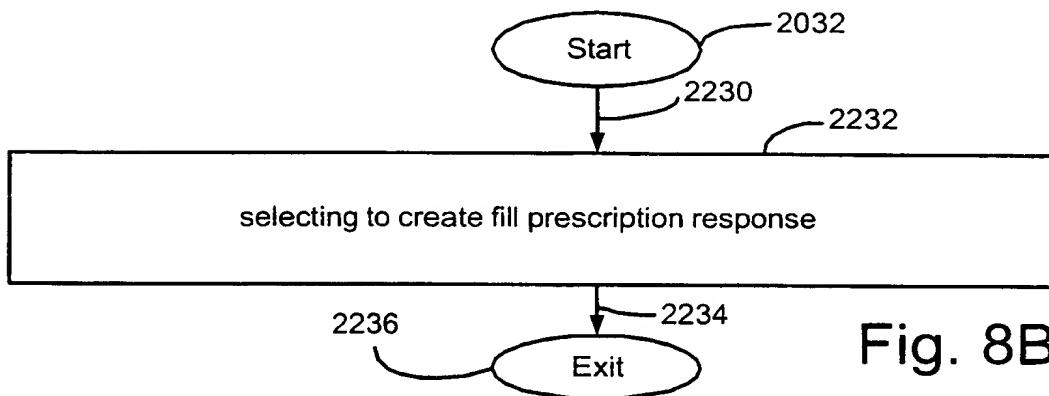


Fig. 8B

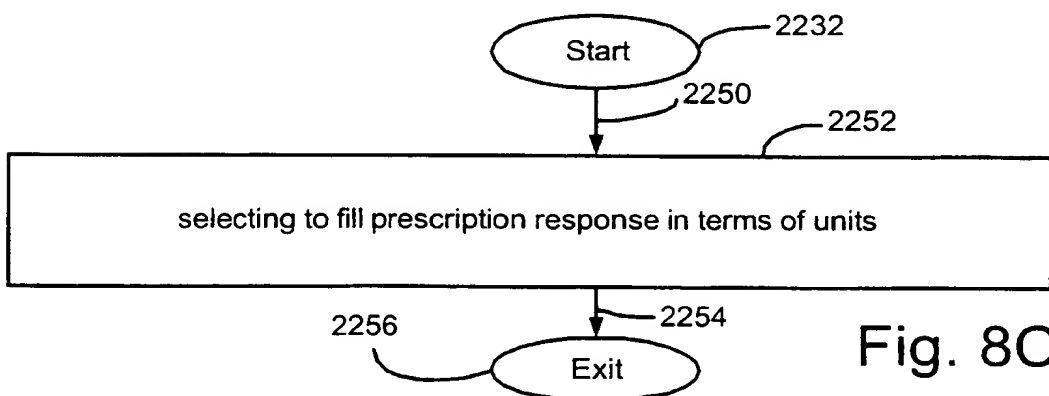


Fig. 8C

ESCR0001

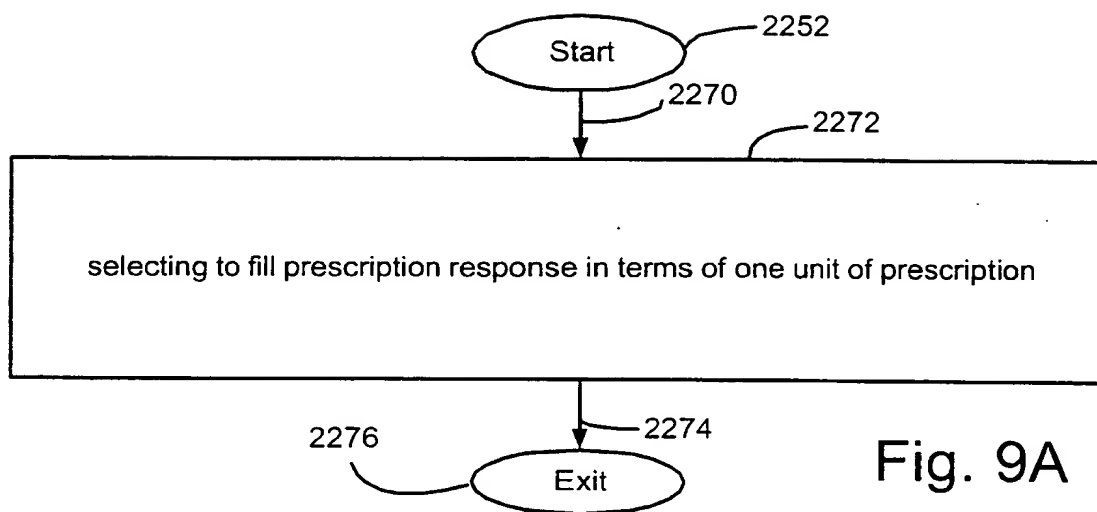


Fig. 9A

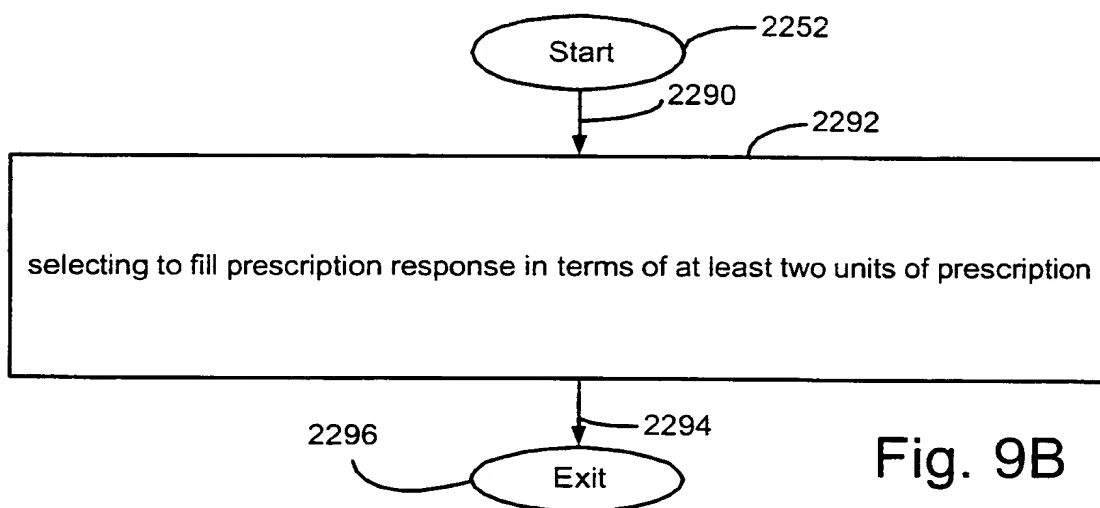
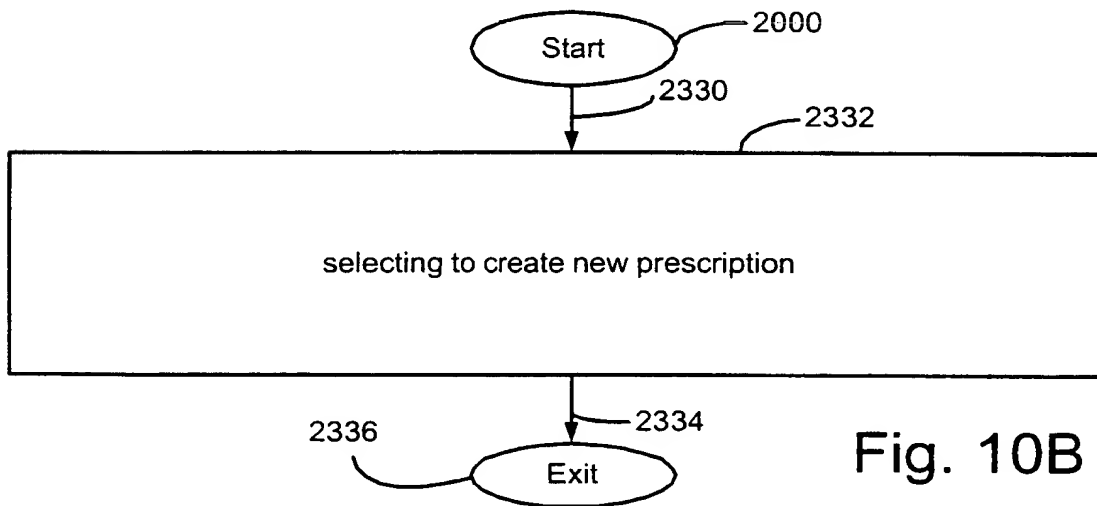
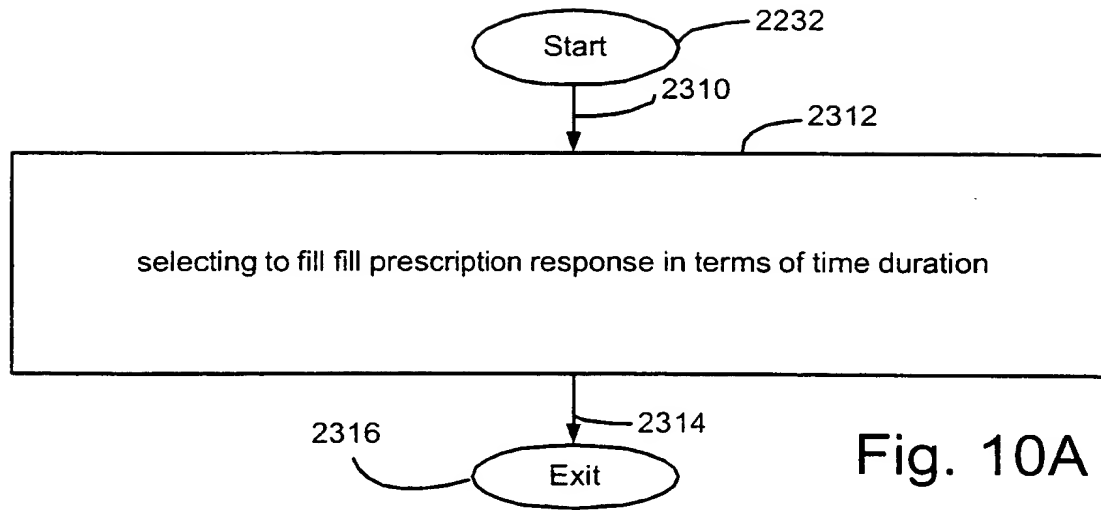


Fig. 9B

ESCR0001



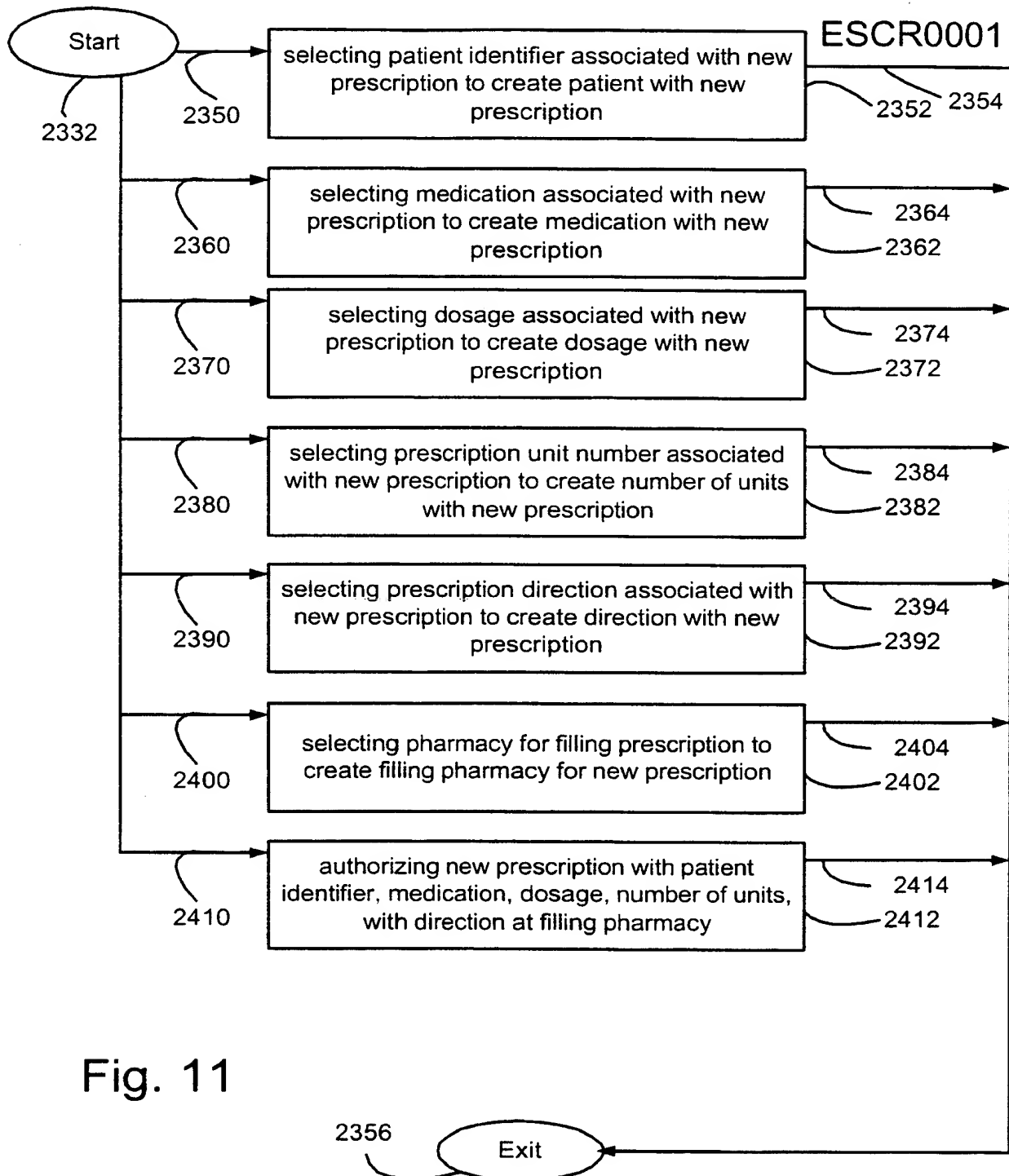


Fig. 11

ESCR0001

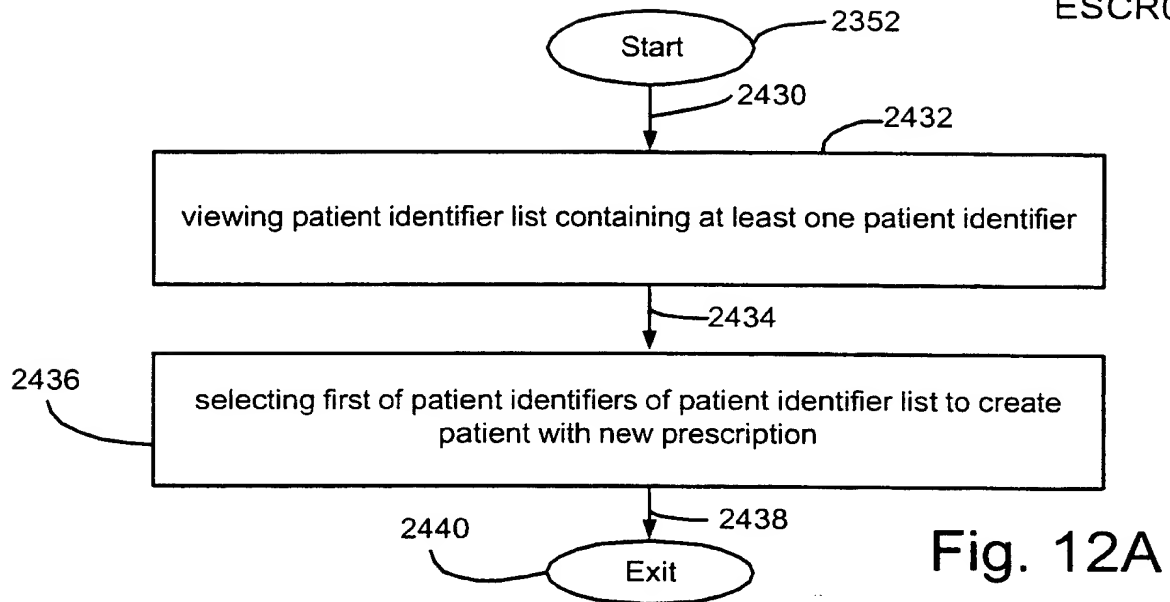


Fig. 12A

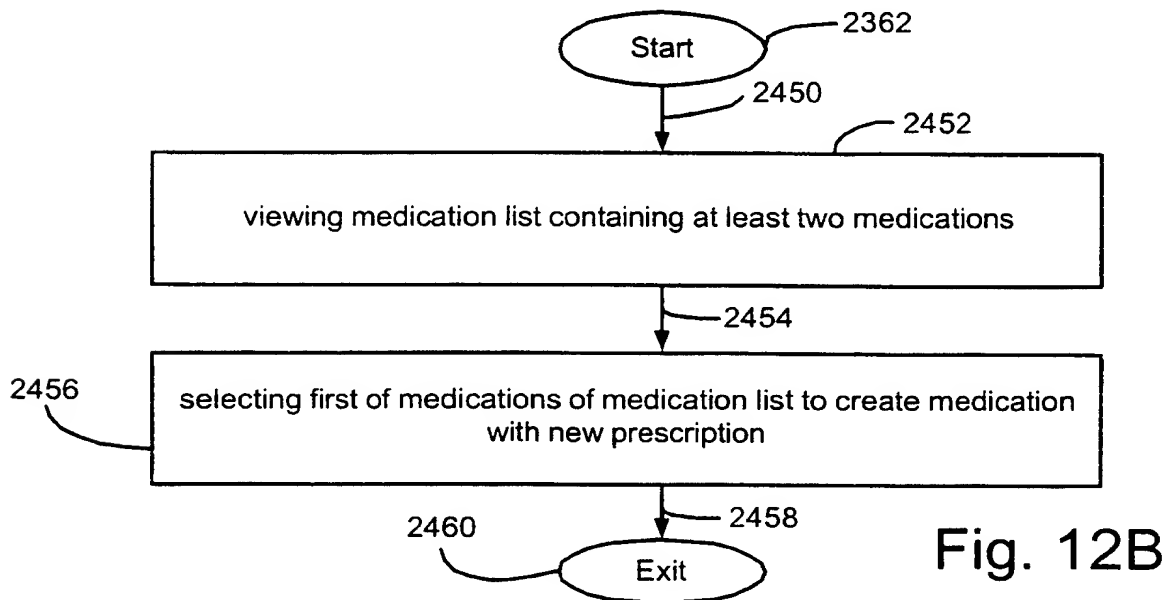
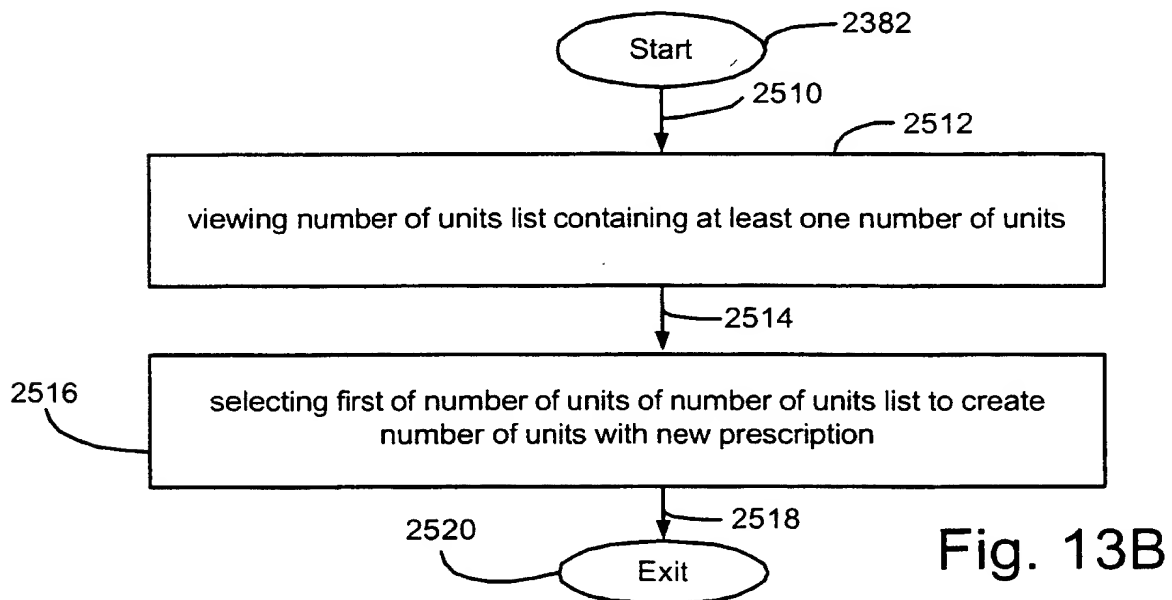
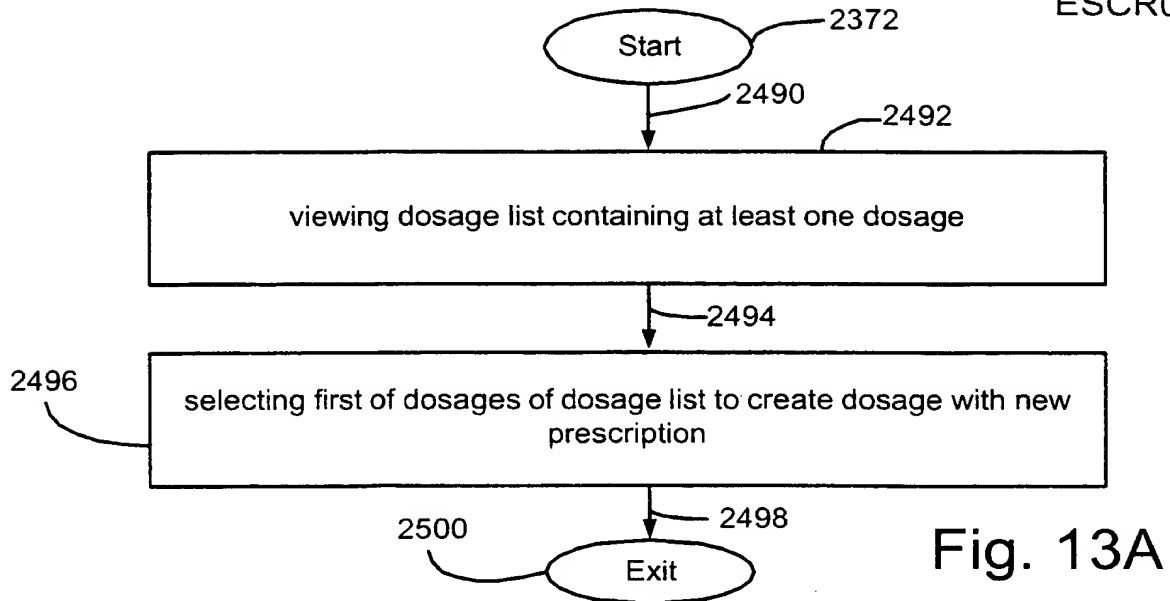
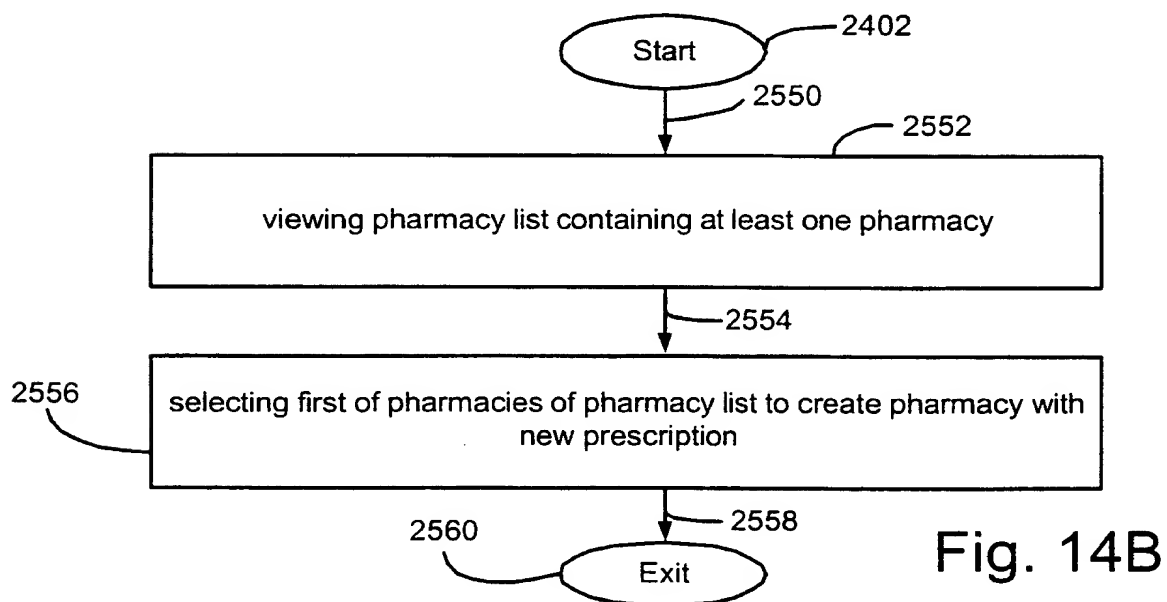
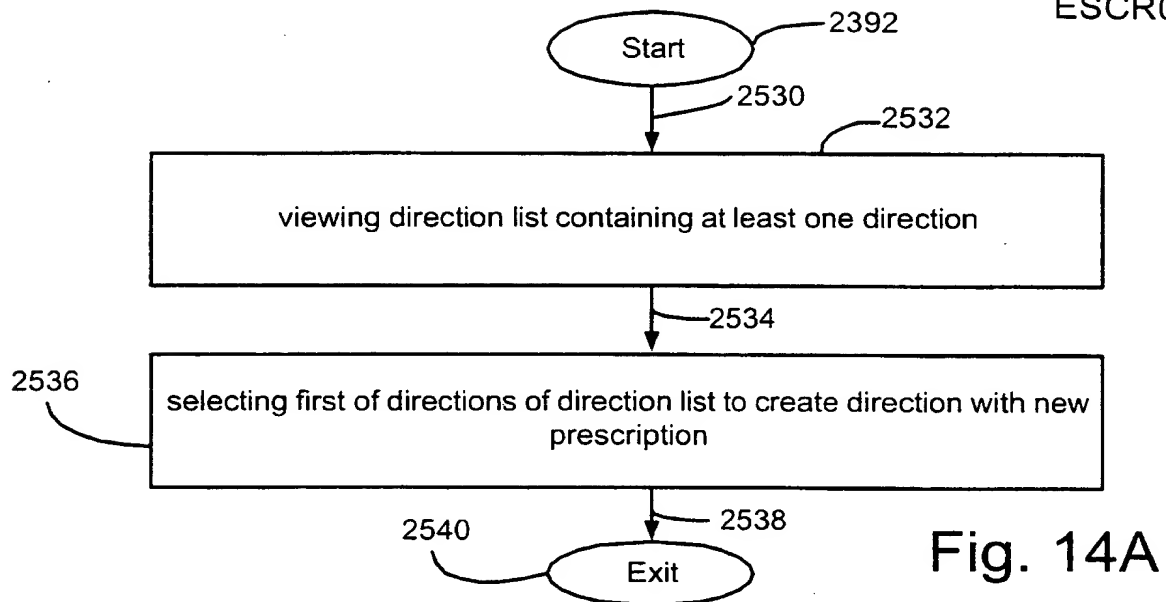


Fig. 12B

ESCR0001



ESCR0001





ESCR0001

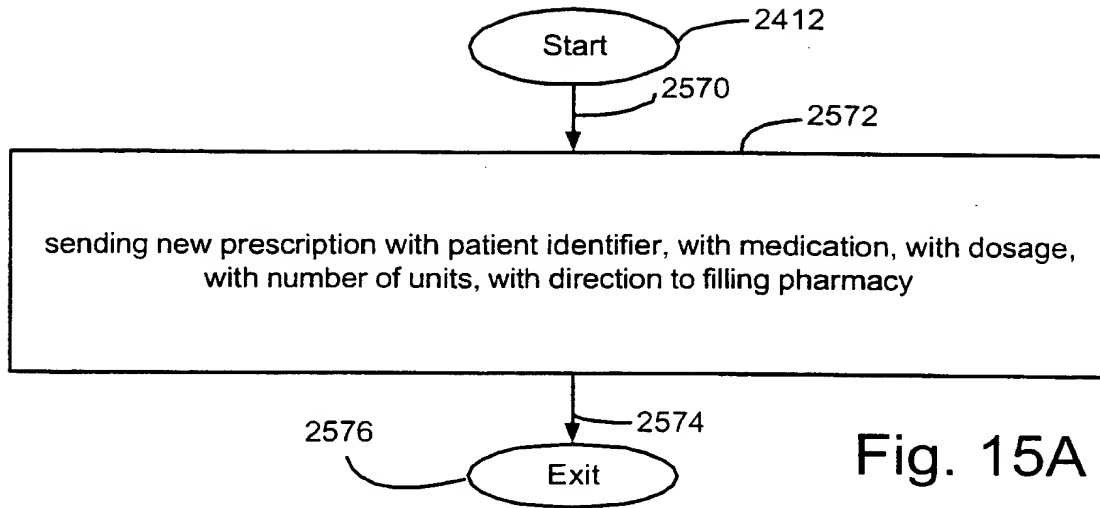


Fig. 15A

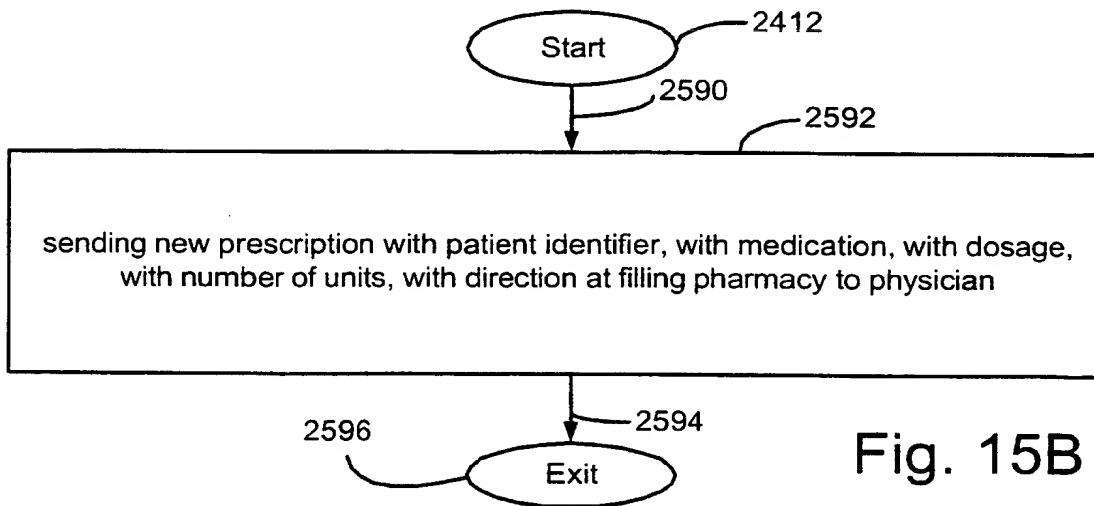


Fig. 15B

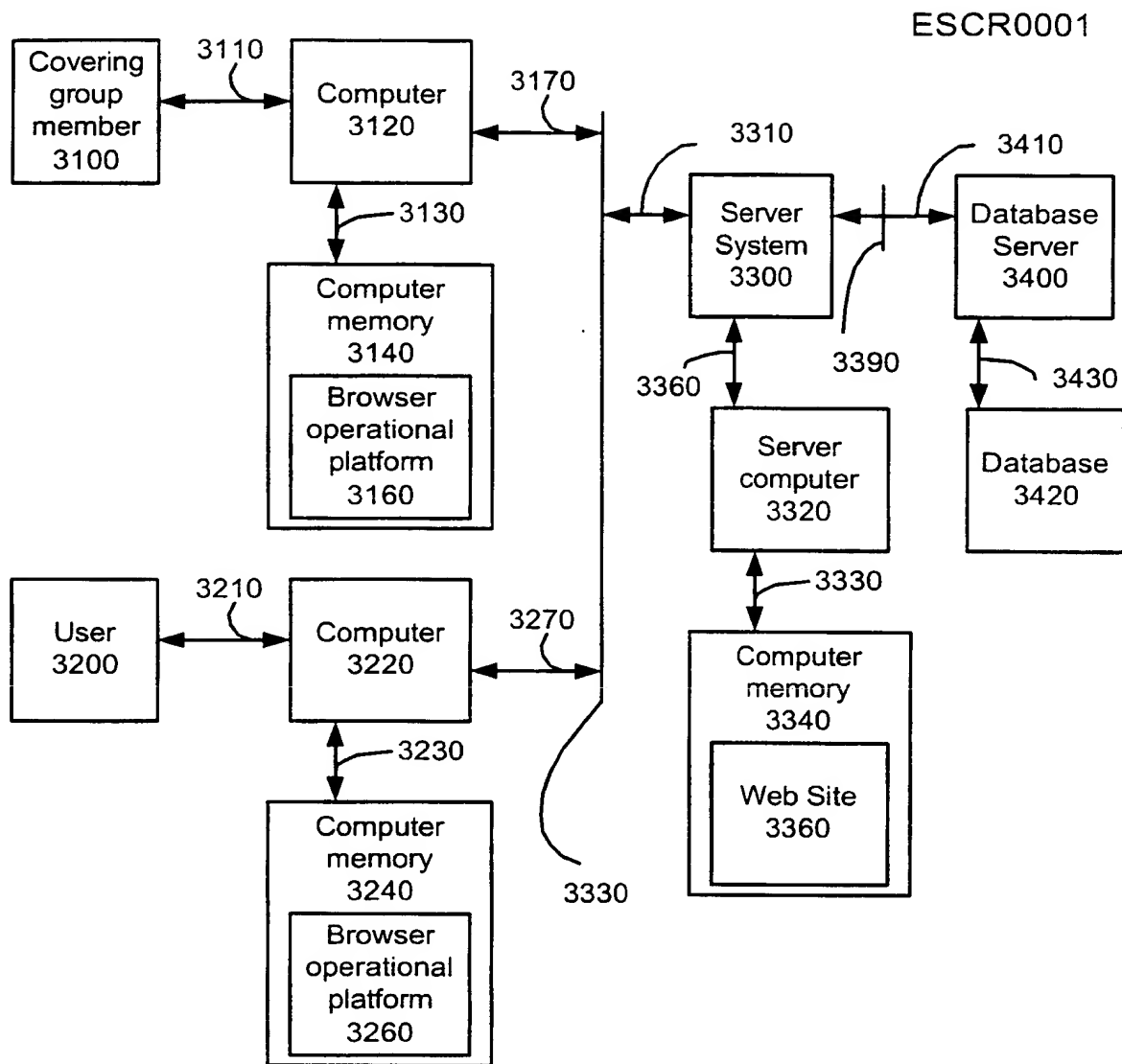


Fig. 16





Change Prescription			
<input type="button" value="SEND"/> <input type="button" value="CANCEL"/> <input type="button" value="BACK"/>			
<div>   <div>script</div> </div>			
PATIENT	PATIENT, JAMES C.	PCP WELBY	DOB 03/01/40
DRUG	AMITRPTYLIN 25 MG TABLET	Qty 60	Fill 12/24/98
SIG	TAKE 1 TABLET AT BEDTIME WITH 100MG TABLET (GENERIC FOR ELAVIL)		
PHARM	Riverside Outpatient (24hr)	RX# 119845476	Ph: (909) 353-4045
DOCTOR	WELBY, MARCUS JR M MD FAMILY PRACTICE		
<u>Med Appt</u>		Qty 60	Fill 12/24/98
Pharmacy Message MEDS FELL IN TOILET PLS STAT.			
<input type="radio"/> 1 <input type="radio"/> 2 <input type="radio"/> 3 <input type="radio"/> 4 <input type="radio"/> 5 <input type="radio"/> 6 <input type="radio"/> 7 <input type="radio"/> 8 <input type="radio"/> 9 <input type="radio"/> 1YR <input type="radio"/> 2YR <input type="radio"/> O Hold <input type="radio"/> PCP <input type="radio"/> Do Not Fill			
Rx Change (prescription changes and denial reasons only)			
<input type="text" value="Change quantity to 20"/>			
Nurse Message (appointments requests, doctor change requests etc.)			
<input type="text" value="Patient needs appointment."/>			
<input type="button" value="SEND"/> <input type="button" value="CANCEL"/>		<input type="button" value="100Day"/> <input type="button" value="Chg Qty"/> <input type="button" value="Chg Sig"/> <input type="button" value="Appt"/> <input type="button" value="Chart"/>	

FIG. 17



Patient Medication History

BACK

O1 O2 O3 O4  
O1yr O2yr OPCPOHold  
Appt Chg Rx

SEND

PATIENT, JAMES C.  
AMITRIPTYLINE 25 MG TABLET  
TAKE 1 TABLET AT BEDTIME WITH 100MG TABLET (GENERIC FOR ELAVIL)

PCP WELBY  
DOB 03/01/40  
MR#00 000XXX-XX-XX  
Qty 60  
Fill 12/24/98

12/29/98

RX PROFILE

PAGE 1

Lakeview Pharmacy  
Run time: 08:22 PM



Sort 1: DATE DISPENSED (DESCENDING) sort 2: RX# (DESCENDING)

Status: ACTIVE and INACTIVE Products ALL


PATIENT, JAMES C 00 000XXX-XX-XX Last Disp Date Range 12/29/97 - THE END

RX#	PRODUCT	DT WRITTEN	EXPIRE DATE	QTY	WRITTEN
DOCTOR	NBR REFILLS	DAYS SPLY	MIN	REF	DAYS
119845476(A)	AMITRIPTYLINE 25 MG TABLET	06/11/97	07/07/00	60	60
WELBY, MARCUS JR M		10	60		57
SIG: 1T HS WITH 100MG TABLET GELAV					
1. 06/11/97	60	XXX	AMITRIPTYLINE 25 MG T RIVERSIDE ME		
2. 07/03/97	60	XXX	AMITRIPTYLINE 25 MG T RIVERSIDE ME		
3. 09/10/97	60	XXX	AMITRIPTYLINE 25 MG T RIVERSIDE ME		
4. 11/11/97	60	XXX	AMITRIPTYLINE 25 MG T RIVERSIDE ME		
5. 01/05/98	60	RAL	AMITRIPTYLINE 25 MG T CENTRAL REFI		
6. 03/02/98	60	DTI	AMITRIPTYLINE 25 MG T CENTRAL REFI		

FIG. 18

## Patient Appointment History



script

BACK

O1 O2 O3 O4	PATIENT, JAMES C.	PCP WELBY	DOB 03/01/40	MR#00 000XXX-XX-XX
O1yr O2yr OPCPOHold	AMITRPTYLIN 25 MG TABLET			Qty 60
Appt Chg Rx	TAKE 1 TABLET AT BEDTIME WITH 100MG TABLET (GENERIC FOR ELAVIL)			
<div style="display: flex; justify-content: space-between; align-items: center;"> <div> <p>SEND</p> </div> <div> <p>MEM CURR APPTS</p> </div> <div> <p>12/29/1998 08:12P</p> </div> </div>				

MR# 00 XXXXXXX NAME PATIENT, JAMES C SEX M-DT 03 25 1960 AGE 38

19 ANYWHERE LN DAY W (909) 555-1212

CORONA, CA 91720 EVE H (909) 555-1212

RMK WIFE/MRS. PATIENT PCP WELBY

HIST: Y LAST PE: 25JUL 1988

A) A T-DATE 12AUG1998 RI: COLO GIWTL GI REF-DR: WELBY 26AUG1999

UPDT: 14SEP1998 VL2

PAGE 1 OF 1

HISTORY/CANCELLED APPTS: 3-DKA 34-HIST 0-CURR 1-WL PAGE 1 CONT

A) S R 05NOV1998 015 08 30A 090 EEG ETEC1 NEU RIV 06OCT1998 DMB

T-DATE 13SEP 1998 RI REF-DR

RMKS 1 SLOT EEG P/REF CC FRM 10/9 CONFIRMED W/PT V:

B) M R 29OCT1998 015 01:15 01:15P 060 COLO WELBY GI RIV 14OCT1998 SSS

T-DATE 12AUG1998 RI REF-DR 26OCT1998 SSS

RMKS: V:

FIG. 19

RxInbox	NewRx	History	Administration	Help
---------	-------	---------	----------------	------

NewRx Compose		SEND	CANCEL
---------------	--	------	--------

<p>PHYSICIAN</p> <p>Welby, John M <span style="border: 1px solid black; padding: 0 5px;">▼</span></p>	<p style="text-align: right;">AGENT</p> <p style="text-align: right;">Dr. John M Welby</p>
-------------------------------------------------------------------------------------------------------	--------------------------------------------------------------------------------------------

<p>PATIENT</p> <p>Pick a patient</p>	<p style="text-align: right;">NEW EDIT FIND</p>
--------------------------------------	-------------------------------------------------

<p>PHARMACY</p> <p>Pick a pharmacy</p>	<p style="text-align: right;">FIND</p>
----------------------------------------	----------------------------------------

<p>MEDICATION</p> <p>Pick a medication</p>	<p style="text-align: right;">FIND</p>
--------------------------------------------	----------------------------------------

<p>QTY <span style="border: 1px solid black; padding: 0 10px;"> </span></p>	<p>REFILLS <span style="border: 1px solid black; padding: 0 10px;">zero</span></p>	<p>May Substitute: <input checked="" type="radio"/> yes <input type="radio"/> no</p>	
-----------------------------------------------------------------------------	------------------------------------------------------------------------------------	--------------------------------------------------------------------------------------	--

<p>SIG</p> <div style="border: 1px solid black; height: 40px; width: 100%;"></div>	
------------------------------------------------------------------------------------	--

<p>NOTE</p> <div style="border: 1px solid black; height: 40px; width: 100%;"></div>	
-------------------------------------------------------------------------------------	--

FIG. 20

RxInbox	NewRx	History	Administration	Help
Patient Search				
<div style="text-align: center;"> <div>CANCEL</div> <div> LASTNAME: <input type="text"/> </div> <div> FIRSTNAME: <input type="text"/> </div> <div> <input type="button" value="GO"/> </div> </div>				
1-30 OF 30				
<div> <div> Brown, Thomas J DOB: 09/30/1962  Brown, Wendy B DOB: 06/06/1966  Cabrita, Francisco G DOB: 02/08/1950  Cisneros, Teresa H DOB: 02/08/1950  Edelman, Lawrence P DOB: 05/08/1965  Fernow, Mark F DOB: 06/30/1958  Flowers, Frank S DOB: 07/03/1956  Flowers, Susan S DOB: 12/20/1960  Green, Michelle K DOB: 12/21/1963  Green, Paul J DOB: 12/21/1963  Josephs, Robert A DOB: 03/09/1938  Just, Victoria E DOB: 08/08/1944  Long, Gary I DOB: 11/01/1961  Marans, Robert G DOB: 03/09/1957  Minardi, Paul M DOB: 03/09/1964 </div> <div> Nagle, Mark C DOB: 04/21/1967  Newman, Leonard S DOB: 02/01/1967  Racek, John O DOB: 07/09/1968  Roopesh, Zimer T DOB: 01/09/1952  Siegel, Kendra J DOB: 01/09/1968  Simpson, Roger D DOB: 06/02/1952  Stone, Melissa S DOB: 10/02/1958  Terry, Cynthia D DOB: 12/01/1964  Tolet, James DOB: 02/03/1955  Tomei, Howard L DOB: 02/28/1959  Valenzuela, Steven S DOB: 08/09/1964  Wells, David DOB: 08/22/1955  Welton, Patricia A DOB: 04/02/1966  Wilder, Jeanne K DOB: 03/03/1966  Williams, Susan E DOB: 04/30/1946 </div> </div>				
1-30 OF 30				

FIG. 21

RxInbox	NewRx	History	Administration	Help
---------	-------	---------	----------------	------

[SEND](#)   [CANCEL](#)

<b>PHYSICIAN</b>	<b>AGENT</b>
<div style="border: 1px solid black; padding: 2px;">                     Welby, John M   ▾                 </div>	Dr. John M Welby
<b>PATIENT</b>	<a href="#">NEW</a> <a href="#">EDIT</a> <a href="#">FIND</a>
Welton, Patricia A    DOB: 4/2/1946    PH: (415) 222-8080 (HEALTH NET)	
<b>PHARMACY</b>	<b>FIND</b>
<a href="#">Pick a pharmacy</a>	
<b>MEDICATION</b>	<b>FIND</b>
<a href="#">Pick a medication</a>	
QTY <div style="border: 1px solid black; width: 40px; height: 20px; display: inline-block;"></div>	REFILLS <div style="border: 1px solid black; width: 40px; height: 20px; display: inline-block;"></div> ▾   May Substitute:   yes <input type="radio"/> no <input type="radio"/>
<b>SIG</b>	
<b>NOTE</b>	

FIG. 22



RxInbox	NewRx	History	Administration	Help
Pharmacy Search				
<div> <div>NAME: <input type="text"/></div> <div>PHONE: <input type="text"/></div> </div> <div> <div>STREET: <input type="text"/></div> <div>FAX: <input type="text"/></div> </div> <div>GO</div>				
SEARCH RESULTS				1-15 OF 15
<div> <div>CHILDRENS CLINIC PHARMACY</div> <div>727 52ND STREET, OAKLAND CA</div> <div>PH: 5104289029</div> <div>FX: 5104289029</div> <div>map</div> </div> <div> <div>KAISER DELTA SQUARE PHARMACY</div> <div>3624 DELTA FAIR BLVD, ANTIOCH CA</div> <div>PH: 9257795333</div> <div>FX: 9257795333</div> <div>map</div> </div> <div> <div>LAKE UNITED DRUG</div> <div>287 13TH ST, OAKLAND CA</div> <div>PH: 5108321804</div> <div>FX: 5108919278</div> <div>map</div> </div> <div> <div>LEE'S APOTHECARY-BAYWOOD PHCY</div> <div>1 BAYWOOD AVE, SAN MATEO CA</div> <div>PH: 41553426004</div> <div>FX: 4158342988</div> <div>map</div> </div> <div> <div>LEOS MEDICAL CENTER PHARMACY</div> <div>411 30TH ST, OAKLAND CA</div> <div>PH: 4158343100</div> <div>FX: 4158342988</div> <div>map</div> </div> <div> <div>LONGS DRUG STORE</div> <div>1165 W EL CAMINO REAL, SUNNYVALE CA</div> <div>PH: 4087320677</div> <div>FX: 4153262351</div> <div>map</div> </div> <div> <div>MEDICAL PLAZA PHARMACY</div> <div>1101 WELCH RD 3C-12, PALO ALTO CA</div> <div>PH: 4153262300</div> <div>FX: 4153262351</div> <div>map</div> </div>				

FIG. 23

RxInbox	NewRx	History	Administration	Help
<div>New Rx compose</div> <div>SEND CANCEL</div>				
<div>PHYSICIAN</div> <div>Welby, John M</div>		<div>AGENT</div> <div>Dr. John M Welby</div>		
<div>PATIENT</div> <div>Wellton, Patricia A</div>		<div>NEW EDIT FIND</div> <div>DOB: 4/2/1946 PH: (415) 222-8080</div>		
<div>(HEALTH NET)</div>				
<div>PHARMACY</div> <div>LAKE UNITED DRUG PH: 5108321804 FX: 5108919278</div>				
<div>287 13TH ST, OAKLAND, CA 946 123900</div>				
<div>MEDICATION</div>		<div>FIND</div>		
<div>Pick a medication</div>				
<div>QTY</div>		<div>REFILLS zero May Substitute: yes no</div>		
<div>SIG</div>				
<div>NOTE</div>				

FIG. 24

RxInbox	NewRx	History	Administration	Help
Medication Search				
<div> <div>CONDITIONS CATEGORIES</div> <div> <input type="text"/> <div>GO</div> </div> <div> <div>ABCDEFGHIJKLMNOPQRSTUVWXYZ</div> <div>OPQRSTUVWXYZ</div> </div> </div>				
<div> <div>CANCEL</div> <div>next&gt;&gt; 1-30 of 43</div> </div>				
<div> <div> <div> <div>✓</div> <div>acetaminophen-codiene 300 mg-30 (tablet)</div> </div> <div> <div>✓</div> <div>amitriptyline 10 mg (tablet)</div> </div> <div> <div>✓</div> <div>Astelin 137 mcg/inh (spray)</div> </div> <div> <div>✓</div> <div>Biaxin 250 mg (tablet)</div> </div> <div> <div>✓</div> <div>Capoten 25 mg (tablet)</div> </div> <div> <div>HF</div> <div>Celebrex 100 mg (capsules)</div> </div> <div> <div>HF</div> <div>Claritin 10 mg (tablet)</div> </div> <div> <div>☐</div> <div>Coumadin 5 mg (tablet)</div> </div> <div> <div>✓</div> <div>Darvocet N 100 napsylate 325 mg-50 mg (tablet)</div> </div> <div> <div>✓</div> <div>diazepam 5 mg (tablet)</div> </div> <div> <div>☐</div> <div>digoxin 0.25 mg (tablet)</div> </div> <div> <div>✓</div> <div>diltiazem 60 mg (tablet)</div> </div> <div> <div>✓</div> <div>Flexeril 10 mg (tablet)</div> </div> <div> <div>PA</div> <div>Fosamax 10 mg (tablet)</div> </div> <div> <div>✓</div> <div>glyburide 5 mg (tablet)</div> </div> </div> <div> <div> <div>✓</div> <div>hydrochlorothiazide 25 mg (tablet)</div> </div> <div> <div>✓</div> <div>Isordil 10 mg (tablet)</div> </div> <div> <div>✓</div> <div>lactase 250 mg (capsule)</div> </div> <div> <div>✓</div> <div>Lo/Ovral 50 mcg-0.5 mg (tablet)</div> </div> <div> <div>✓</div> <div>Locoid 1% (ointment)</div> </div> <div> <div>✓</div> <div>medroxyprogesterone 750 2.5 mg (tablet)</div> </div> <div> <div>✓</div> <div>methocarbamol 750 mg (tablet)</div> </div> <div> <div>✓</div> <div>Mevacor 10 mg (tablet)</div> </div> <div> <div>PA</div> <div>Miacalcin 200 iu/inh (spray)</div> </div> <div> <div>✓</div> <div>Motrin 800 mg (tablet)</div> </div> <div> <div>PA</div> <div>Norvasc 5 mg (tablet)</div> </div> <div> <div>✓</div> <div>Ortho-Novum 7/7/7 35 mcg-1 mg (tablet)</div> </div> <div> <div>✓</div> <div>phentemine 30 mg (capsule, extended release)</div> </div> <div> <div>✓</div> <div>Premarin 0.625 mg (tablet)</div> </div> <div> <div>☐</div> <div>Prilosec 20 mg (enteric coated capsule)</div> </div> </div> </div>				

FIG. 25

PHYSICIAN	AGENT		
Welby, John M	Dr. John M Welby		
PATIENT	NEW EDIT FIND		
Wellton, Patricia A	DOB: 4/2/1946	PH: (415) 222-8080	
(HEALTH NET)			
PHARMACY	FIND		
LAKE UNITED DRUG PH: 5108321804 FX: 5108919278			
287 13TH ST, OAKLAND, CA 946 123900			
MEDICATION	FIND		
Coumadin 5 mg (tablet)			
QTY	REFILLS zero	May Substitute: yes <input checked="" type="radio"/> no <input type="radio"/>	
SIG			
NOTE			



FIG. 26



Please review	
PHYSICIAN	AGENT
Welby, John M <input type="button" value="v"/>	Dr. John M Welby
<b>PATIENT</b> <input type="button" value="NEW"/> <input type="button" value="EDIT"/> <input type="button" value="FIND"/>	
Wellton, Patricia A	DOB: 4/2/1946 PH: (415) 222-8080
(HEALTH NET)	
<b>PHARMACY</b> <input type="button" value="FIND"/>	
LAKE UNITED DRUG PH: 5108321804 FX: 5108919278	
287 13TH ST, OAKLAND, CA 946 123900	
<b>MEDICATION</b> <input type="button" value="FIND"/>	
Coumadin 5 mg (tablet)	
QTY <input type="text" value="30"/>	REFILLS <input type="text" value="two"/> <input type="button" value="v"/> May Substitute: yes <input type="radio"/> no <input checked="" type="radio"/>
<b>SIG</b>	
<input type="text" value="Take one tablet daily as directed"/>	
<b>NOTE</b>	
<input type="text"/>	

FIG. 27

Prior Authorization Request		<a href="#">SEND</a> <a href="#">BACK</a> <a href="#">CANCEL</a>	
Prior Authorization Request For Dr. John M Welby			
Date	01/17/99		
Payer	Health Net of California		
Physician	John Welby		
Physician ID	223458		
Patient	Patricia A Wellton		
Patient ID	233219444-02		
Patient DOB	04/02/1946		
Proposed Medication	Fosamax 10 mg (tablet)		
Prior Medications Prescribed			
Reason for Authorization Request			
Prior Authorization Request			

FIG. 28





InBox Monitor

HOME

LOGOFF

AREA 

RIVERSIDE

DAYS>= 4

#Rx's>= 0

Find

PRESCRIBER	Days	#Rx	#Fut	LOGINID	SPECIALITY	CLINIC	ROUTE
WEST, RHONDA	4	15	3	WESTR	FAM	RIVERSIDE	WEB
ROGERS, BRUCE MD	4	1	3	ROGEB	OBG	RIVERSIDE	WEB
SIMPSON, DAVID MD	4	1	35	DSIMP	MED	RIVERSIDE	WEB
MEDIC, MARY	3	1	1	MEDIC	NEU	RIVERSIDE	WEB
KELLY, RICHARD	3	14	9	RICHK	FAM	RIVERSIDE	WEB
RISE, PAUL A PA	3	13	5	PRISE	FAM	MORENO VALLEY	WEB
EVERETT, CATHERINE	3	3	4	EVERC	OBG	RIVERSIDE	WEB
SCOTT, GREGORY MD	3	3	0	SCOTG	SUR	RIVERSIDE	WEB
GOODEN, LAURA NP	3	26	5	LGOOD	FAM	RIVERSIDE	WEB

FIG. 29

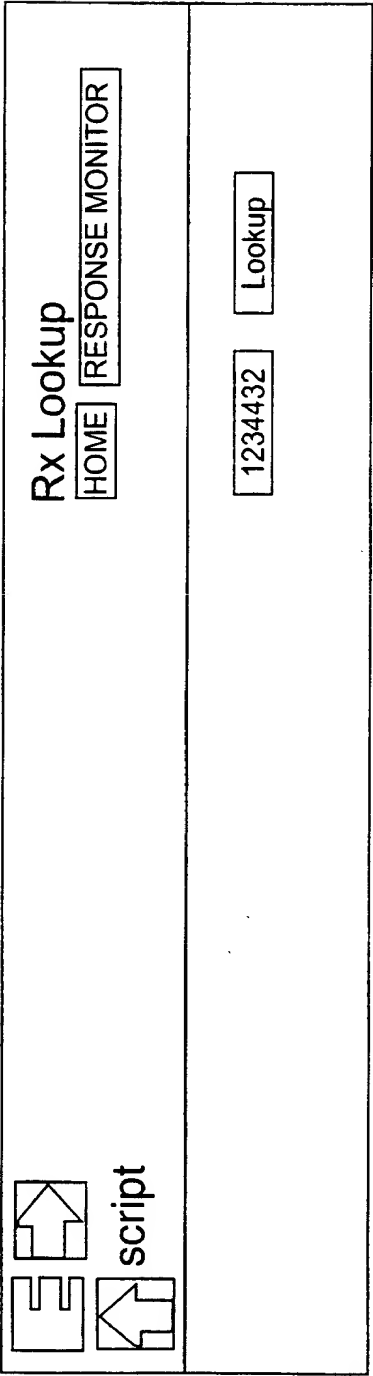


FIG. 30




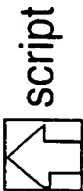


Rx Lookup		HOME RESPONSE MONITOR	
 		<input type="text"/> <input type="button" value="Lookup"/>	
PIMS STATUS	OPEN	E-SCRIPT	RESPONDED
PATIENT	PATIENTELAINE		
DRUG	SYNTHROID 0.1MG TABLET		
SIG	TAKE 1 TABLET EVERY MORNING		
PHARM	TEMECULA VALLEY		
DOCTOR	DOC,DIANE M MD ENDOCRINOLOGY		
ASSIGNED TO	DOC, DIANE		
PHARM MSG	NONE		
RESPONSE	NO	NUMBER	TIME
			6/11/99 7:01:33 AM
			UPLOAD
			Printed
INSTRUCTIONS			
I've never seen pt before,pls forward to a. miller=prior md			
Pharmacy Note:			
<input type="text"/>			
(warning:forwarding or returning the authorization request will delete the current response)			
Return to	DOC,DIANE		
Forward to	MILLER,HENRY,PCP <input type="button" value="Find Doc"/>		
Reprint Response to Pharmacy		Reprint Response Local	

FIG. 31

### RX In Box™

REFRESH

UNDO

INBOX

FUTURES

LOGOFF

**Prescription Group Monitor**

Inbox For	Immediates	Days Late	Futures
SCOTT, SAM T.	9	4	22
WELBY, JOHN	3	0	11
GRIFFITH, SUZYL	1	0	12

**Referral Group Monitor**

Action	Items	Days Late	Encounter Results
	1	0	2
	3	0	2
	6	3	0

My Futures

**WELBY, JOHN IMMEDIATES**

☐ 1 ☐ 2 ☐ 3 ☐ 4  
☐ 1 yr ☐ 2 yr ☐ PCP ☐ Hold  
Med Appt. Chg Rx

PATIENT, KENNETH K.  
DOXEPIN HCL CAP 10 MG  
TAKE 1 CAPSULE 2 TIMES A DAY  
Forward from MCCOY, BONES E. MD FAMILY PRACTICE

PCP WELBY

MR#00 000XXX-XX-XX  
Qty 60  
Fill 12/11/98

---

☐ 1 ☐ 2 ☐ 3 ☐ 4  
☐ 1 yr ☐ 2 yr ☐ PCP ☐ Hold  
Med Appt. Chg Rx

PERSON, MARGARET  
SULINDAC 200MG TABLET  
TAKE 1 TABLET 2 TIMES A DAY WITH MEALS FOR INFLAMMATION (GENERIC FOR CLINORIL)

PCP WELBY

MR#00 000XXX-XX-XX  
Qty 100  
Fill 12/18/97

---

Pharmacy Message

Med Appt. Chg Rx

SEND

PATIENT, JAMES C.  
AMITRIPTYLINE 25 MG TABLET  
TAKE 1 TABLET AT BEDTIME WITH 100MG TABLET (GENERIC FOR ELAVIL)

PCP WELBY

MR#00 000XXX-XX-XX  
Qty 60  
Fill 12/24/98

FIG. 32

eScript

eScript Referrals

New Referral  
submitted by John Welby, MD  
PATIENT MR#

SUBMIT

FIG. 33

eScript Referrals			
<u>SUBMIT</u> DELETE INBOX			
REFERRAL			
PICK DEPT/TYPE			
Patient Information			
Referral Date	1/17/00	Name	Patricia Wellton
Appt		MR#	00-01-97743
Consult Status		Address	2 Main Street West Covina, CA 92344
PCP	John Welby 8-345-9343	Home Phone	562-934-1123
Action Required		Work Phone	562-222-2200
Referring Physician Input John Welby			
Dept/Reason	Cardiology	▼	Clinic
	SUNSET/METRO	▼	
Reason for Referral			
<u>SUBMIT</u> DELETE INBOX			

FIG. 34

eScript		eScript Referrals	
SUBMIT DELETE INBOX HOLD			
REFERRAL			
PREREQUISITE CHECKOFF			
Patient Information			
Referral Date	Name	Patricia Wellton	
Appt 1/17/00	MR#	00-01-97743	
Consult Status	Address	2 Main Street West Covina, CA 92344	
PCP John Welby 8-345-9343	Home Phone	562-934-1123	
Action Required	Work Phone	562-222-2200	
Referring Physician Input John Welby			
Referring to OB/GYN-SUNSET/METRO CONDITION: INFERTILITY			
Recommended Prerequisites			
<input type="radio"/> Under 44 <input type="radio"/> 44 or Older		Patient Must Be Under 44	
<input type="radio"/> Under 6 Mos <input type="radio"/> Over 6 Mos		Patient Must Have Been Trying to Conceive For 6 Months or More With Same Partner	
<input type="radio"/> Yes <input type="radio"/> No		Patient Labs Ordered: HIV i & ii, RPR, Varicella, Rubella, HTLV-1, HepBsag, HepCab, Random Glucose	
<input type="radio"/> Yes <input type="radio"/> No		Partner Labs Ordered: HIV i & ii, RPR, HepBsag, HepCab, HTLV-1, Semen Analysis	
<input type="radio"/> Yes <input type="radio"/> No		Patient Given Prep Handout <a href="#">VIEW</a>	
Note		IVF is NOT a covered benefit	
Reason for Referral			
33 Year Old. 4/98 Pregnancy terminated at 16 weeks due to Listeria infection. Required IV abx Post Partum for Endometritis. Now attempting to conceive for approx 1 year without success. Has used ovulation prediction kits for 7 months. Please evaluate. Pap and Cervical exam done.			
Additional Notes to Consultant:			
<a href="#">SUBMIT</a> <a href="#">CANCEL</a> <a href="#">INBOX</a> <a href="#">HOLD</a>			

FIG. 35

eScript		eScript Referrals				
LOGOFF						
CONSULTANT APPROVAL QUEUE						
AREA <input type="text" value="SUNSET/METRO"/>		DAYS-REF >= <input type="text" value="3"/> DAYS-APPT >= <input type="text" value="0"/> <input type="button" value="FIND"/>				
URGENCY= <input type="text" value="ALL"/>	STATUS= <input type="text" value="PENDING"/>					
PATIENT	DAYS SINCE REFERRAL	DEPT	URGENT	APPT LOCATION REQUESTED	TYPE OF CONSULT	REFERRING PHYSICIAN
✓ <u>WELTON, PATRICIA</u>	15	OBG	ROUTINE	SUNSET	INFERTILITY	WELBY
✓ <u>ROGERS, CINDY</u>	4	OBG	URGENT	SUNSET	PELVIC PAIN	WELBY
<u>SIMPSON, BARBARA</u>	4	OBG	ROUTINE	SUNSET	CONTRACEPTION	JONES
<u>MEDIC, MARY</u>	3	OBG	ROUTINE	SUNSET	IRREGULAR PERIODS	SMITH
<u>KELLY, RHONDA</u>	3	OBG	ROUTINE	SUNSET	PREGNANCY	FLOWERS
<u>RISE, PAULA</u>	3	OBG	ROUTINE	SUNSET	CONTRACEPTION	CRAIG
<u>EVERETT, CATHERINE</u>	3	OBG	ROUTINE	SUNSET	PREGNANCY	MARTIN
<u>GOODEN, LAURA</u>	3	OBG	ROUTINE	SUNSET	INFERTILITY	SCOTT

FIG. 36

eScript	<b>eScript Referrals</b> APPROVE DENY HOLD REFERRAL REQUEST FROM PRIMARY MD		
Patient Information			
Referral Date	1/17/00	Name	Patricia Wellton
Appt		MR#	00-01-97743
Consult Status		Address	2 Main Street West Covina, CA 92344
PCP	John Welby 8-345-9343	Home Phone	562-934-1123
Action Required	Approval for Appt	Work Phone	562-222-2200
Referring Physician Input John Welby			
Referral to OB/GYN-SUNSET/METRO CONDITION: INFERTILITY			
Prerequisites for Referral			
Patient Must Be Under 44 Patient Must Have Been Trying to Conceive For 6 Months or More With Same Partner Patient Labs Ordered Partner Labs Ordered Patient Given Prep Handout <a href="#">VIEW</a> Note IVF is NOT a covered benefit			
Referring Physician Comments			
33 Year Old. 4/98 Pregnancy terminated at 16 weeks due to Listeria infection. Required IV abx Post Partum for Endometritis. Now attempting to conceive for approx 1 year without success. Has used ovulation prediction kits for 7 months. Please evaluate. Pap and Cervical exam done.			
Consultant Comments			
APPT NEEDED= <input type="text" value="10 min"/> APPT MUST BE WITH <input type="text"/> APPT TYPE <input type="text" value="INF-New"/> DENIAL REASON= <input type="text"/> <input type="button" value="Return to"/> WELBY,JOHN <input type="button" value="Forward to"/> PCP:WELBY, JOHN <input type="button" value="Find Doc"/> APPROVE DENY HOLD			

FIG. 37

eScript		eScript Referrals			
LOGOFF					
APPOINTMENT CENTER QUEUE					
AREA	LOS ANGELES	▽	DAYS-REF >= 3 ▽ DAYS-APPT >= 0 ▽ FIND		
STATUS=		PENDING	▽		
PATIENT	DAYS SINCE REFERRAL	STATUS	APPT LOCATION	DAYS APPT CENTER	STATUS APPT CENTER
✓ <u>WELLTON, PATRICIA</u>	15	OBG APPROVED	SUNSET	4	PENDING
<u>ROGERS, CINDY</u>	4	OBG APPROVED	SUNSET	4	PENDING
<u>SIMPSON, DAVID</u>	4	NEU APPROVED	SUNSET	4	PENDING
<u>MEDIC, MARY</u>	3	CRD APPROVED	SUNSET	4	PENDING
<u>KELLY, RICHARD</u>	3	URO APPROVED	SUNSET	4	PENDING
<u>RISE, PAUL</u>	3	ORP APPROVED	SUNSET	4	PENDING
<u>EVERETT, CATHERINE</u>	3	ORP APPROVED	SUNSET	4	PENDING
<u>SCOTT, GREGORY</u>	3	CRD APPROVED	RIVERSIDE	4	PENDING
<u>GOODEN, LAURA</u>	3	OBG APPROVED	SUNSET	4	PENDING

FIG. 38



eScript		<b>eScript Referrals</b>	
<u>APPT SET</u>		CANCEL UNABLE TO CONTACT	
APPOINTMENT			
REQUEST FROM CONSULTING MD			
Patient Information			
Referral Date	1/17/00	Name	Patricia Wellton
Appt		MR#	00-01-97743
Consult Status	Approved FOR aPPT	Address	2 Main Street West Covina, CA 92344
PCP	John Welby 8-345-9343	Home Phone	562-934-1123
Action Required	Schedule Appt	Work Phone	562-222-2200
Referring Physician Input John Welby			
Referring Dept OB/GYN-SUNSET/METRO CONDITION: INFERTILITY 8-345-6954			
APPT NEEDED= 30 Min APPT MUST BE WITH DURINZI DAYS SINCE REFERRAL 15			
APPT DATE	<input type="text"/>	APPT TIME	<input type="text"/> PROVIDER
<input type="text"/>	APPT Type INF-New		
<u>APPT SET</u> CANCEL UNABLE TO CONTACT			

FIG. 39



eScript		eScript Referrals	
<a href="#">SUBMIT ENCOUNTER</a> <a href="#">HOLD</a> <a href="#">CANCEL</a> REFERRAL PENDING APPOINTMENT WITH CONSULTANT			
Patient Information			
Referral Date	1/17/00	Name	Patricia Wellton
Appt	2/23/00 DURINZI	MR#	00-01-97743
Consult Status	Approved	Address	2 Main Street West Covina, CA 92344
PCP	John Welby 8-345-9343	Home Phone	562-934-1123
Action Required	Consultant Feedback	Work Phone	562-222-2200
Referral to OB/GYN-SUNSET/METRO CONDITION: INFERTILITY 8-345-6954			
Prerequisites			
Patient Must Be Under 44 Patient Must Have Been Trying to Conceive For 6 Months or More With Same Partner Patient Labs Ordered Partner Labs Ordered Patient Given Prep Handout <a href="#">VIEW</a> Note: IVF is NOT a covered benefit			
Referring Physician	John Welby 8-345-9343		
Reason For Referral			
33 Year Old. 4/98 Pregnancy terminated at 16 weeks due to Listeria infection. Required IV abx Post Partum for Endometritis. Now attempting to conceive for approx 1 year without success. Has used ovulation prediction kits for 7 months. Please evaluate. Pap and Cervical exam done.			
Consultant Comments			
APPT NEEDED= <input type="text" value="None"/> APPT MUST BE WITH <input type="text"/> APPT TYPE <input type="text" value="INF-New"/> SCHEDULE APPT IN= <input type="text" value="1 Week"/>			
<a href="#">SUBMIT ENCOUNTER</a> <a href="#">HOLD</a> <a href="#">CANCEL</a>			

FIG. 41

eScript Referrals			
Referrals InBox for	NEW REFERRAL	ACTION RESULTS ITEMS	LOGOFF
John Welby			
Inbox For		Referrals Group Monitor	Prescription Group Monitor
	Action Items	Days Late	Encounter Results
Scott, Sam T	1	0	2
Welby, John M	3	0	2
Griffith, Suzy L	6	3	0
		Immediates	Days Late Futures
		9	4 22
		3	0 11
		1	0 12
Encounter Results			
Review Forward Request Appt	Wellton, Patricia	Seen: 2/23/00	MR# 00-01-98777
	Encounter Results	Infertility	
	Consulting Physician: Durinzi, Karen		
Encounter Results			
Review Forward Request Appt	Smith, Allan	Seen: 2/24/00	MR# 00-02-63388
	Encounter Results	Chest Pains	
	Consulting Physician: Jorgenson, Michael		
Encounter Results			
Review Forward Request Appt	Fields, Sally W	Seen: 2/23/00	MR# 00-92-00232
	Encounter Results	Pregnancy	
	Consulting Physician: Nevarez, Faustina		
ACTION ITEMS RESULTS LOGOFF			

FIG. 42

## eScript Referrals

ARCHIVE INBOX

## CONSULTANT ENCOUNTER REPORT

Referral Date	2/8/00	Patient Information Name	Patricia Wellton
Appt	2/23/00	MR#	00-01-97743
Consult Status	Completed	Address	2 Main Street West Covina, CA 92344
PCP	John Welby 8-345-9343	Home Phone	562-934-1123
Action Required	Review	Work Phone	562-222-2200
Reason for Referral	Referring Physician John Welby 8-345-9343		
33 Year Old. 4/98 Pregnancy terminated at 16 weeks due to Listeria infection. Required IV abx Post Partum for Endometritis. Now attempting to conceive for approx 1 year without success. Has used ovulation prediction kits for 7 months. Please evaluate. Pap and Cervical exam done.			
Encounter Results	345-6954	Consulting Physician	Karen Durinzi 8-
Patient good candidate for fertility drugs. Will begin using Pergonal after all preqs are complete. I will monitor patient during regimen. Suggest you see her within 6 mos. Thanks, Karen.			

ARCHIVE INBOX

FIG. 43

eScript Referrals									
Referrals InBox for John Welby		NEW REFERRAL	ACTION RESULTS ITEMS		LOGOFF				
Group Monitor									
Referrals Group Monitor					Prescription Group Monitor				
Inbox For	Action Items	Days	Late	Encounter Results	Immediates	Days	Late	Futures	
Scott, Sam T	1	0	2	2	9	4	22		
Welby, John M	2	0	2	2	3	0	11		
Griffith, Suzy L	6	3	0	0	1	0	12		
Encounter Results									
Review	Forward	Request	Smith, Allan		Seen:	MR# 00-02-63388			
Appt			Encounter Results		Chest Pains				
Consulting Physician: Jorgenson, Michael									
Review	Forward	Request	Fields, Sally W		Seen:	MR# 00-92-00232			
Appt			Encounter Results		Pregnancy				
Consulting Physician: Nevarez, Faustina									
ACTION PENDING LOGOFF									

FIG. 44

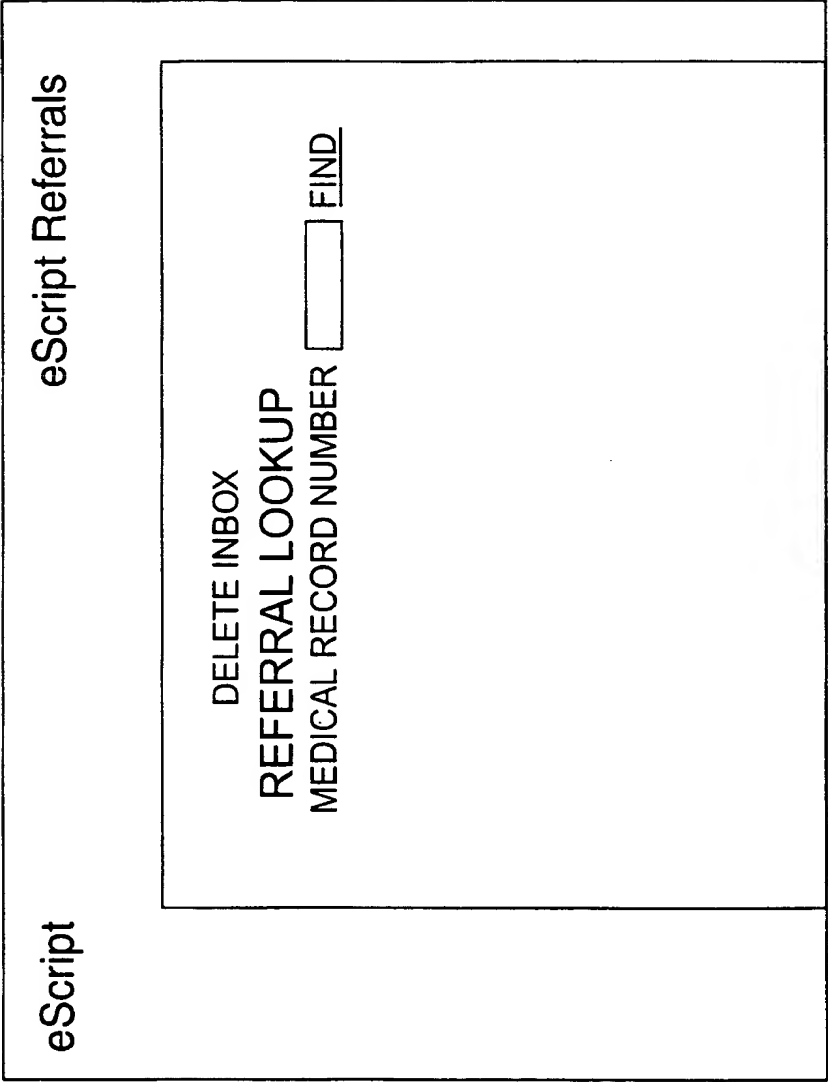


FIG. 45

eScript Referrals

BACK LOGOFF							
PATIENT REFERRAL HISTORY							
PATIENT	DATE	DEPT	REFERRING MD	CONSULTING MD	INDICATION	APPT LOCATION	DAYS BETWEEN REFERRAL & CONSULT
WELLTON, PATRICIA	FEB 23	OBG	WELBY	DURINZI	INFERTILITY	SUNSET	15
WELLTON, PATRICIA	JAN 3	CRD	WELBY	JORGENSEN	IRREGULAR HEARTBEAT	SUNSET	4
WELLTON, PATRICIA	NOV 22	NEU	WELBY	ENSAT	MIGRAINE	FONTANA	4

FIG. 46



## eScript Referrals

ARCHIVE INBOX

## CONSULTANT ENCOUNTER REPORT

Referral Date	2/8/00	Patient Information Name	Patricia Wellton
Appt	2/23/00	MR#	00-01-97743
Consult Status	Completed	Address	2 Main Street West Covina, CA 92344
PCP	John Welby 8-345-9343	Home Phone	562-934-1123
Action Required	Review	Work Phone	562-222-2200
Reason for Referral	Referring Physician John Welby 8-345-33 Year Old. 4/98 Pregnancy terminated at 16 weeks due to Listeria infection. Required IV abx Post Partum for Endometritis. Now attempting to conceive for approx 1 year without success. Has used ovulation prediction kits for 7 months. Please evaluate. Pap and Cervical exam done.		
Encounter Results	345-6954	Consulting Physician	Karen Durinzi 8-
Patient good candidate for fertility drugs. Will begin using Pergonal after all preeqs are complete. I will monitor patient during regimen. Suggest you see her within 6 mos. Thanks, Karen.			

ARCHIVE INBOX

FIG. 47

eScript		eScript Referrals	
Volume Report Generator			
Referral Creation	Detail <input type="radio"/> Physician <input type="radio"/> Dept <input type="radio"/> Location		
Location	LOS ANGELES	DEPT	ALL
Doctor			
Referral Receipt	Detail <input type="radio"/> ODept <input type="radio"/> OLocation		
Location	LOS ANGELES	DEPT	ALL
SORT BY <input type="radio"/> Sender <input type="radio"/> Recipient		Time Period <input type="radio"/> ALL <input type="radio"/> O	
Select			
Date	Start Date	Stop	
<div> <div>1 2 3 4 5 6</div> <div>March April May June July August</div> </div>		<div> <div>1 2 3 4 5 6</div> <div>March April May June July August</div> </div>	
<div> <div>SUBMIT</div> <div>DENY</div> <div>HOLD</div> </div>			

FIG 48

## eScript Referrals

eScript

## Volume Report Results

Next Report

Provider	OPAS	Location	Dept	Number Ref	Number Denials	Avg Days to Appt	Avg Days to Consult
GAVIN, VANESSA MD	GAVIV	SUN	FAM	11	0	4	4
GUZMAN, ERWIN MD	GUZME	SUN	FAM	9	0	0	8
DERSARKISSAN, JACK MD	DERSA	SUN	FAM	8	0	2	7
MORRIS, NICOLE MD	MORRN	SUN	FAM	8	0	1	5
HLADON, PAUL	HLADO	SUN	FAM	7	0	4	3
KAPOOR, NARINDER MD	KAPOR	SUN	FAM	7	0	4	3
PIZANO, CAESAR MD	PIZAC	SUN	FAM	7	0	3	8

FIG 49

eScript		eScript Referrals	
Time Lapse Report Generator			
Referral Creation	Detail <input type="radio"/> Physician <input type="radio"/> Dept <input type="radio"/> Location		
Location Doctor	<input type="text" value="LOS ANGELES"/>	<input type="text" value="DEPT ALL"/>	<input type="text" value="ALL"/>
Referral Receipt	Detail <input type="radio"/> Dept <input type="radio"/> Location		
Location	<input type="text" value="LOS ANGELES"/>	<input type="text" value="DEPT ALL"/>	<input type="text" value="ALL"/>
SORT BY <input type="radio"/> Sender <input type="radio"/> Recipient	Time Period <input type="radio"/> ALL <input type="radio"/>		
Select	Start Date		
Date	Stop		
<input type="text" value="1"/> <input type="text" value="2"/> <input type="text" value="3"/> <input type="text" value="4"/> <input type="text" value="5"/> <input type="text" value="6"/>		<input type="text" value="March"/> <input type="text" value="April"/> <input type="text" value="May"/> <input type="text" value="June"/> <input type="text" value="July"/> <input type="text" value="August"/>	

**FIG 50**

## eScript Referrals

## Time Lapse Report Results

Referral Creation: Sunset/Los Angeles

Referral Receipt Sunset OBG By Dept

March 1-March 15 2000

Number of Referrals	Approved	Denied	Re- Directed	%Denied	Total
	<u>123</u>	<u>8</u>	<u>12</u>	6.50%	131
Days From Referral Until Appt Date	Under 3	4-7	8-11	12-14	14+ %Over 14
	<u>2</u>	<u>22</u>	<u>39</u>	<u>56</u>	<u>4</u> 3.25% 123
Days From Referral Until Appt is Set	0	1	2-3	4-7	7+ %Over 7
	<u>33</u>	<u>32</u>	<u>45</u>	<u>4</u>	<u>9</u> 7.32% 123

FIG. 51

eScript

eScript Referrals

LOGOFF

Report Detail

Referrals>14 Days From Referral to Office Visit

PATIENT	Appt Date	Appt Time	DAYS SINCE REFERRAL	DEPT	URGRNCY	APPT LOCATION	TYPE OF CONSULT	CONSULTANT	REFERRING PHYSICIAN
WELLTON PATRICIA	Feb 23	0800	17	OBG	ROUTINE	SUNSET	INFERTILITY	DURINZI	WELBY
SIMPSON, BARBARA	Mar 3	0900	15	OBG	ROUTINE	SUNSET	CONTRACEPTION	SMITH	JONES
MEDIC, MARY	Mar 5	0915	15	OBG	ROUTINE	SUNSET	IRREGULAR PERIODS	JONES	SMITH
KELLY, RHONDA	Mar 9	1100	15	OBG	ROUTINE	SUNSET	PREGNANCY	WEST	FLOWERS

FIG 52

eScript		eScript Referrals	
<a href="#">SUBMIT ENCOUNTER</a> <a href="#">HOLD</a> <a href="#">CANCEL</a> REFERRAL PENDING APPOINTMENT WITH CONSULTANT			
Patient Information			
Referral Date	1/17/00	Name	Patricia Wellton
Appt	2/23/00 DURINZI	MR#	00-01-97743
Consult Status	Approved	Address	2 Main Street West Covina, CA 92344
PCP	John Welby 8-345-9343	Home Phone	562-934-1123
Action Required	Consultant Feedback	Work Phone	562-222-2200
Referral to OB/GYN-SUNSET/METRO CONDITION: INFERTILITY 8-345-6954			
Prerequisites			
Patient Must Be Under 44 Patient Must Have Been Trying to Conceive For 6 Months or More With Same Partner Patient Labs Ordered Partner Labs Ordered Patient Given Prep Handout <a href="#">VIEW</a> Note IVF is NOT a covered benefit			
Referring Physician	John Welby 8-345-9343		
Reason For Referral			
33 Year Old. 4/98 Pregnancy terminated at 16 weeks due to Listeria infection. Required IV abx Post Partum for Endometritis. Now attempting to conceive for approx 1 year without success. Has used ovulation prediction kits for 7 months. Please evaluate. Pap and Cervical exam done.			
Consultant Comments			
APPT NEEDED= <input type="text" value="None"/> APPT MUST BE WITH <input type="text"/> APPT TYPE <input type="text" value="INF-New"/> SCHEDULE APPT IN= <input type="text" value="1 Week"/>			
<a href="#">SUBMIT ENCOUNTER</a> <a href="#">HOLD</a> <a href="#">CANCEL</a>			

FIG. 53

eScript Referrals

REPORTS

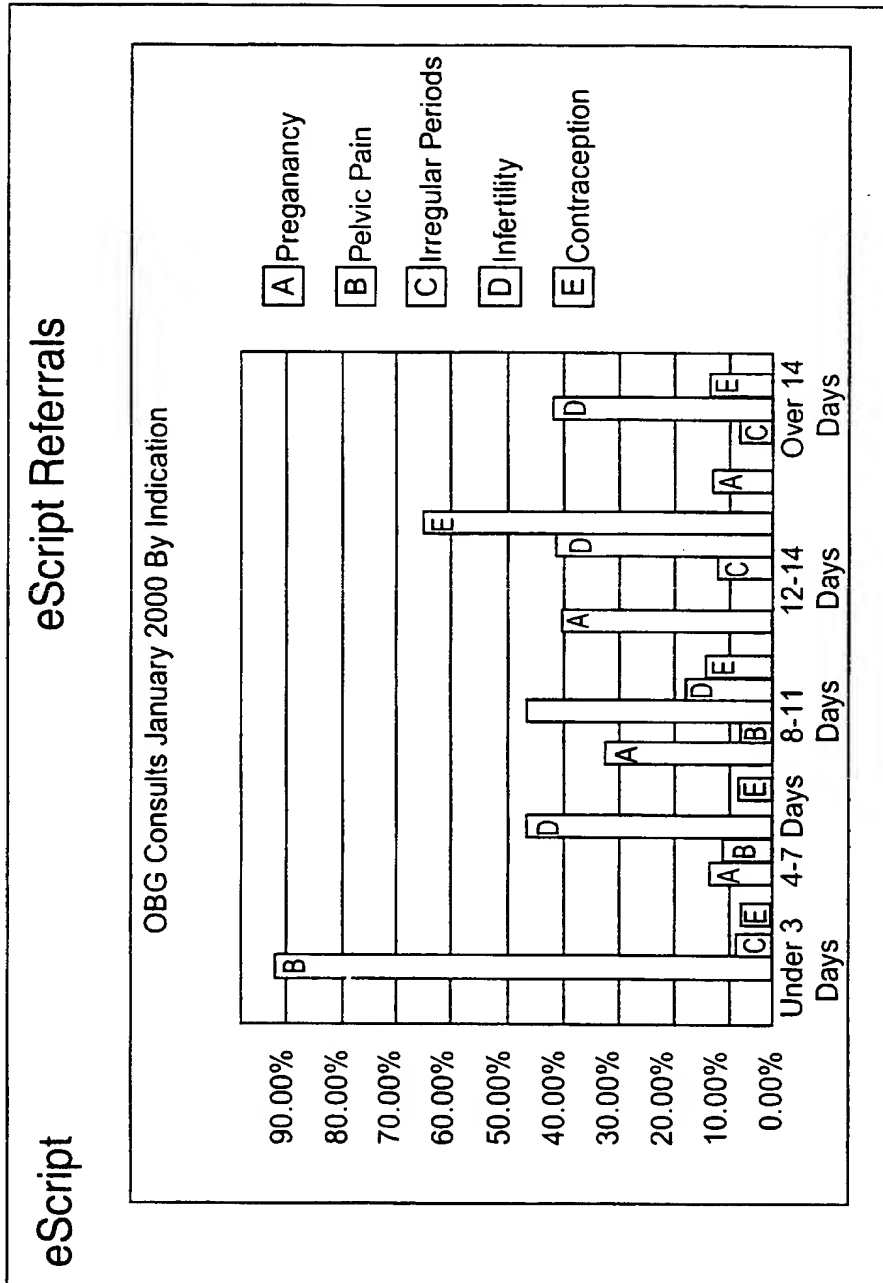
OBG-REFERRALS BY INDICATION

OBG-REFERRALS BY LENGTH OF WAIT TO CONSULT

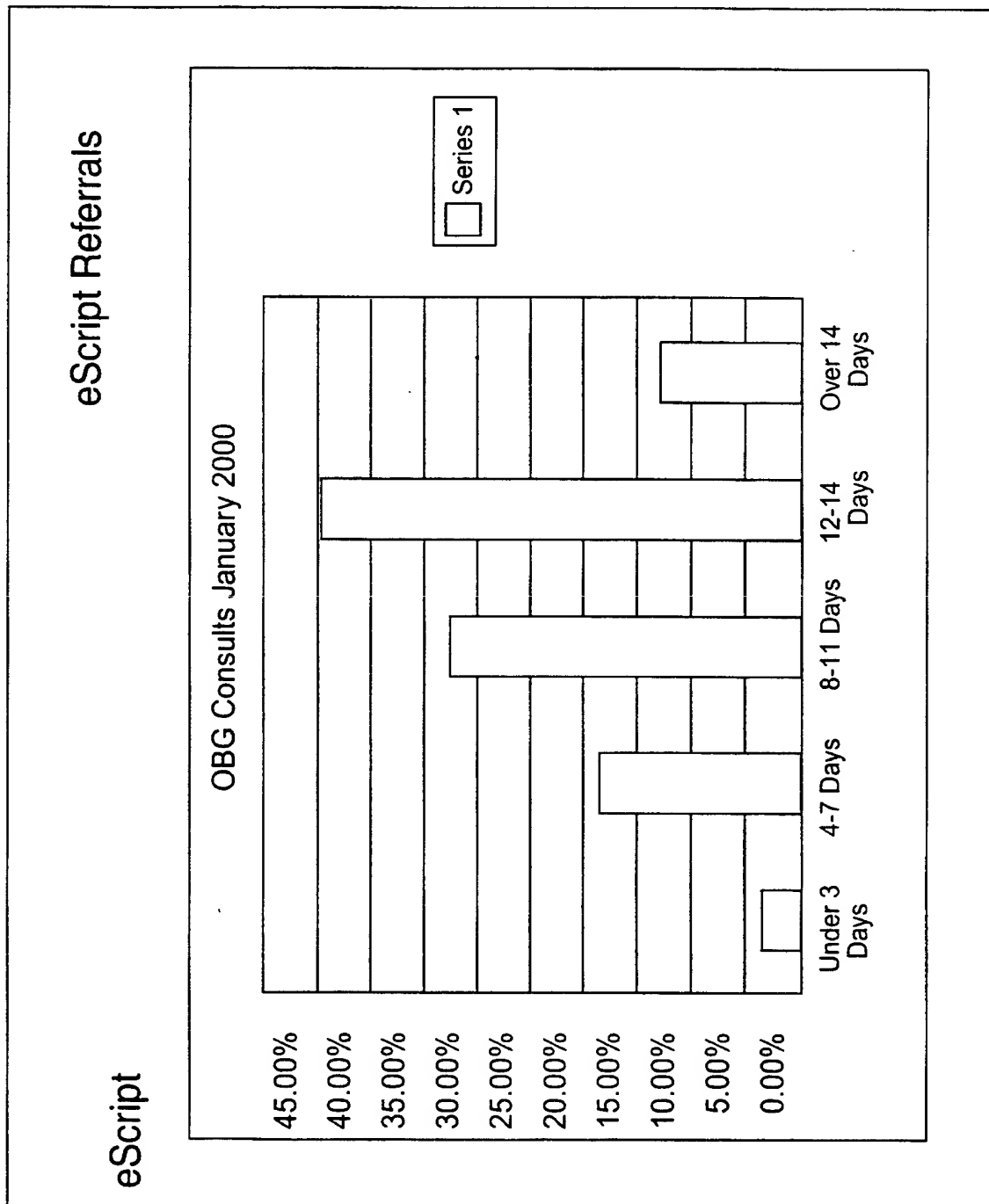
SUNSET-REFERRALS BY CONSULT DEPT

FIG. 54





**FIG 55**



**FIG 56**

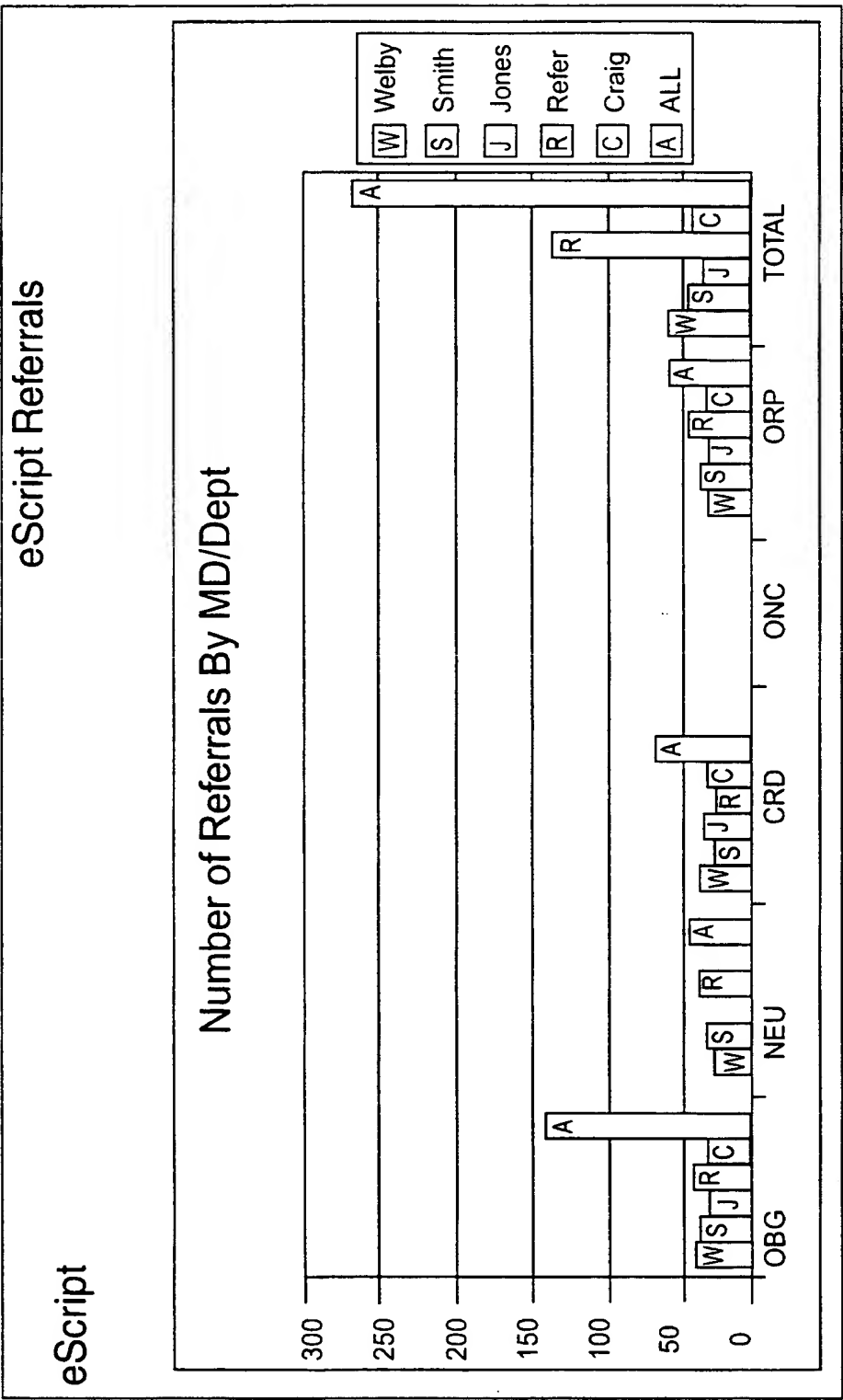


FIG 57

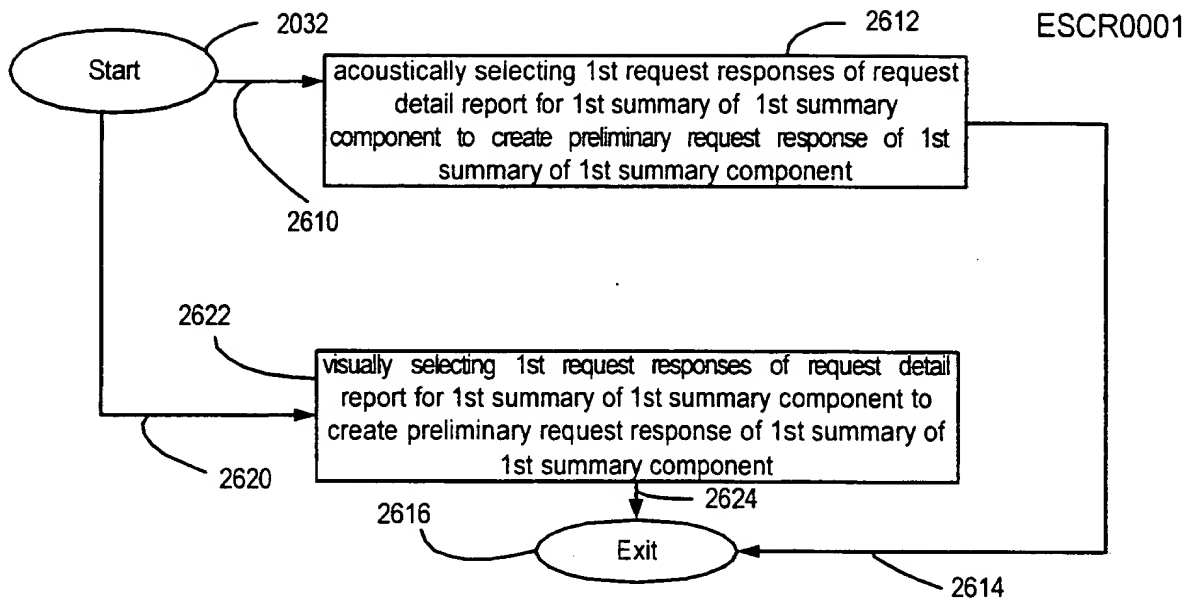


Fig. 58A

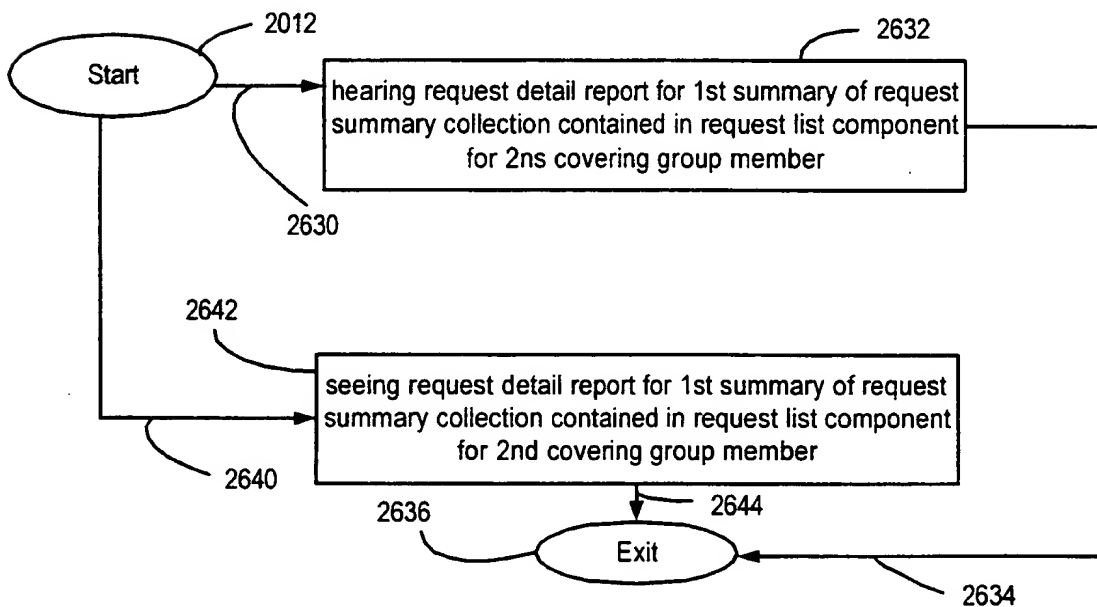


Fig. 58B

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(30) Priority Data:  
60/125,461 22 March 1999 (22.03.1999) US(63) Related by continuation (CON) or continuation-in-part  
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US 60/125,461 (CIP)  
Filed on 22 March 2000 (22.03.2000)(71) Applicant (for all designated States except US): ES-  
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94506 (US).

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ment 7, San Francisco, CA 94122 (US).(74) Agents: GLENN, Michael, A. et al.; Glenn Patent Group,  
Menlo Park, CA 94025 (US).(81) Designated States (national): AL, AM, AT, AU, AZ, BA,  
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KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MD, MG,  
MK, MN, MW, MX, NO, NZ, PL, PT, RO, RU, SD, SE,  
SG, SI, SK, SL, TJ, TM, TR, TT, UA, UG, US, UZ, VN,  
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(AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU,  
MC, NL, PT, SE), OAPI patent (BF, BJ, CF, CG, CI, CM,  
GA, GN, GW, ML, MR, NE, SN, TD, TG).

Published:

— With international search report.

[Continued on next page]

(54) Title: METHOD AND APPARATUS FOR MEDICAL COVERING GROUP REQUEST PROCESSING, REVIEW AND  
MANAGEMENT

Advertising Space			
Group Monitor For: East Bay Clinic			
Inbox For	1002	1004	1006
Smith, William	1010	5	1012 2 1014 51 1016
Doctor, Joe	1020	12	3 9
Surgeon, Frank	1022	0	0 0
OBG, Louis	1024	0	0 0
Welby, John	1026	6	1 5
Rx Inbox for: Smith, William W. (IMMEDIATES)			
PATIENT, SUSIE K.	1040	PCP SMITH	1042 MR# 00 000000-86-JX
QTY 10	1058	2 days	1052
CIPRO 500MG TABLET	1044	TAKE 1 TABLET 2 TIMES A DAY FOR 5 DAYS	1048
FORWARD from YUN, SMITH MD RESIDENT- FAMILY PRACTICE	1054		
PERSON, MARK S.	1060	PCP SMITH	1062 MR# 00 000000-75-JX
QTY 16.8	1078	2 days	1072
BEVELOVENT INHALER	1064	INHALE 2 PUFFS 2 TIMES DAILY, RINSE MOUTH AFTER USE (GENERIC FOR VANCERIL)	1068
HEALTHY, LAURA J	1072	PCP SMITH	1076 MR# 00 000000-16-JX
QTY 100	1080	HYDROCHLOROTHIAZIDE 25MG TB	1084

(57) Abstract: Certain embodiments include a method for a first covering group member belonging to a covering group of using a request list containing a request list component for each of the covering group members. The covering group containing at least two covering group members. Each of the request list components further contains a request summary collection containing at least a past-due request summary and an immediately-due request summary. The method includes the user performing the following. Selecting a second of the covering group members belonging to the covering group. Selecting a first of the summaries of the request summary collection contained in the request list component for the second covering group member. Perceiving a request detail report for the first summary of the request summary collection contained in the request list component for the second covering group member containing at least one request report comprising a requestor name, a requested item, a request response list containing at least two request responses.

WO 00/57341 A3

# INTERNATIONAL SEARCH REPORT

International Application No

PCT/US 00/07716

**A. CLASSIFICATION OF SUBJECT MATTER**  
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According to International Patent Classification (IPC) or to both national classification and IPC

**B. FIELDS SEARCHED**

Minimum documentation searched (classification system followed by classification symbols)

IPC 7 G06F

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

EPO-Internal, WPI Data, PAJ, IBM-TDB, INSPEC, COMPENDEX

**C. DOCUMENTS CONSIDERED TO BE RELEVANT**

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X A	US 5 758 095 A (ALBAUM ET AL) 26 May 1998 (1998-05-26) column 2, line 65 -column 3, line 47  column 6, line 24 -column 20, line 34; figures 1-71 ---	1,32,63, 94 2-31, 33-62, 64-93, 95-124
A	WO 95 29455 A (FILLINGANE SAM D O) 2 November 1995 (1995-11-02) column 1, line 17 -column 3, line 28 column 6, line 12 -column 9, line 29; figures 1-4 --- -/--	1,32,63, 94

☒ Further documents are listed in the continuation of box C.

☒ Patent family members are listed in annex.

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"O" document referring to an oral disclosure, use, exhibition or other means

"P" document published prior to the international filing date but later than the priority date claimed

"T" later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention

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"Y" document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art.

"&" document member of the same patent family

Date of the actual completion of the international search

20 October 2000

Date of mailing of the international search report

30/10/2000

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Fax: (+31-70) 340-3016

Authorized officer

Schenkels, P

# INTERNATIONAL SEARCH REPORT

International Application No  
PCT/US 00/07716

## C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	OGURA H ET AL: "Online prescription order and prescription support in an integrated hospital information system" MEDICAL INFORMATICS, GB, LONDON, vol. 10, no. 4, 1985, pages 287-299, XP002086149 ISSN: 0959-8316 page 287, line 1 -page 292, line 45; figures 1-3 ---	1,32,63, 94
A	US 5 666 492 A (RHODES KEITH DANIEL ET AL) 9 September 1997 (1997-09-09) abstract column 2, line 55 -column 4, line 61 ---	1,32,63, 94
A	US 5 542 420 A (GOLDMAN ET AL) 6 August 1996 (1996-08-06) column 1, line 8 -column 5, line 25 -----	1,32,63, 94

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Information on patent family members

International Application No

PCT/US 00/07716

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WO 9529455	A	02-11-1995	NONE		
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			CA	2210469 A	25-07-1996
			EP	0811201 A	10-12-1997
			WO	9622577 A	25-07-1996
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			CA	2161627 A	10-11-1994
			WO	9425927 A	10-11-1994